

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016574.D
 Acq On : 04 Dec 2023 13:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

Quant Time: Dec 05 01:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	227756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	348303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	296617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	141672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43832	20.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.640%#		
35) Dibromofluoromethane	7.734	113	42978	20.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.000%#		
50) Toluene-d8	10.191	98	168515	21.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	42.500%#		
62) 4-Bromofluorobenzene	12.489	95	53572	20.547	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	42902	21.325	ug/l	97
3) Chloromethane	2.119	50	43614	20.897	ug/l	97
4) Vinyl Chloride	2.260	62	43114	20.456	ug/l	98
5) Bromomethane	2.662	94	26604	20.151	ug/l	95
6) Chloroethane	2.802	64	27126	20.836	ug/l	95
7) Trichlorofluoromethane	3.137	101	81619	20.485	ug/l	99
8) Diethyl Ether	3.540	74	22370	20.159	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	45309	20.335	ug/l	98
10) Methyl Iodide	4.107	142	46186	19.619	ug/l	99
11) Tert butyl alcohol	4.972	59	13792	96.160	ug/l #	78
12) 1,1-Dichloroethene	3.893	96	41295	20.402	ug/l	89
13) Acrolein	3.741	56	21585	103.517	ug/l	99
14) Allyl chloride	4.497	41	63108	20.430	ug/l	96
15) Acrylonitrile	5.180	53	44739	99.890	ug/l	98
16) Acetone	3.954	43	49794	104.531	ug/l	98
17) Carbon Disulfide	4.210	76	116974	20.613	ug/l	99
18) Methyl Acetate	4.491	43	34170	18.096	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	98761	19.849	ug/l	96
20) Methylene Chloride	4.729	84	48037	20.915	ug/l	85
21) trans-1,2-Dichloroethene	5.241	96	45845	20.142	ug/l	97
22) Diisopropyl ether	6.137	45	132117	20.797	ug/l	92
23) Vinyl Acetate	6.076	43	313199	102.697	ug/l	96
24) 1,1-Dichloroethane	6.039	63	80277	20.569	ug/l	97
25) 2-Butanone	6.996	43	67084	102.414	ug/l	100
26) 2,2-Dichloropropane	6.996	77	75147	20.481	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	51473	20.544	ug/l	95
28) Bromochloromethane	7.350	49	31495	19.922	ug/l	90
29) Tetrahydrofuran	7.362	42	36561	97.900	ug/l	94
30) Chloroform	7.521	83	84860	20.397	ug/l	97
31) Cyclohexane	7.801	56	72901	20.286	ug/l	88
32) 1,1,1-Trichloroethane	7.716	97	79127	20.097	ug/l	98
36) 1,1-Dichloropropene	7.929	75	65489	20.553	ug/l	98
37) Ethyl Acetate	7.088	43	26188	19.642	ug/l	97
38) Carbon Tetrachloride	7.917	117	74386	20.166	ug/l	98
39) Methylcyclohexane	9.197	83	76665	19.970	ug/l	95
40) Benzene	8.173	78	184995	20.598	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016574.D
 Acq On : 04 Dec 2023 13:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

Quant Time: Dec 05 01:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14654	19.518	ug/l #	66
42) 1,2-Dichloroethane	8.252	62	52326	20.065	ug/l	96
43) Isopropyl Acetate	8.283	43	50056	19.462	ug/l #	92
44) Trichloroethene	8.953	130	55029	20.318	ug/l	95
45) 1,2-Dichloropropane	9.228	63	43780	20.248	ug/l	99
46) Dibromomethane	9.313	93	23600	19.910	ug/l	99
47) Bromodichloromethane	9.508	83	63462	20.110	ug/l	97
48) Methyl methacrylate	9.307	41	28251	19.019	ug/l	92
49) 1,4-Dioxane	9.313	88	4468	372.404	ug/l #	44
51) 4-Methyl-2-Pentanone	10.081	43	131064	98.054	ug/l	96
52) Toluene	10.258	92	115736	20.561	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	58877	19.769	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	69588	19.895	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	33353	20.200	ug/l	95
56) Ethyl methacrylate	10.520	69	28961	19.135	ug/l	92
57) 1,3-Dichloropropane	10.795	76	56384	20.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	92076	98.718	ug/l	93
59) 2-Hexanone	10.843	43	104866	103.709	ug/l	96
60) Dibromochloromethane	10.996	129	44326	20.092	ug/l	98
61) 1,2-Dibromoethane	11.099	107	30965	19.939	ug/l	99
64) Tetrachloroethene	10.727	164	55730	20.501	ug/l	97
65) Chlorobenzene	11.526	112	124534	20.729	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	47909	20.403	ug/l	100
67) Ethyl Benzene	11.599	91	221718	20.578	ug/l	99
68) m/p-Xylenes	11.709	106	169861	41.528	ug/l	95
69) o-Xylene	12.038	106	78142	20.465	ug/l	98
70) Styrene	12.050	104	112642	20.561	ug/l	99
71) Bromoform	12.215	173	25444	20.067	ug/l #	98
73) Isopropylbenzene	12.337	105	216073	20.597	ug/l	100
74) N-amyl acetate	12.154	43	41032	19.616	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	33029	19.795	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	27370m	20.866	ug/l	
77) Bromobenzene	12.617	156	50555	20.448	ug/l	92
78) n-propylbenzene	12.678	91	253295	20.745	ug/l	97
79) 2-Chlorotoluene	12.764	91	142403	20.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	176952	20.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	11490	20.253	ug/l	95
82) 4-Chlorotoluene	12.861	91	144917	20.355	ug/l	99
83) tert-Butylbenzene	13.081	119	158096	20.758	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	171020	20.540	ug/l	97
85) sec-Butylbenzene	13.264	105	224208	20.961	ug/l	99
86) p-Isopropyltoluene	13.379	119	190200	20.484	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	96297	20.404	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	92670	20.007	ug/l	98
89) n-Butylbenzene	13.703	91	172935	20.710	ug/l	97
90) Hexachloroethane	13.971	117	37091	20.302	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	81822	20.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4996	18.711	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	43387	18.975	ug/l	99
94) Hexachlorobutadiene	15.123	225	28258	19.561	ug/l	98
95) Naphthalene	15.245	128	69695	20.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	33845	20.180	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016574.D
Acq On : 04 Dec 2023 13:08
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

Quant Time: Dec 05 01:07:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016574.D
 Acq On : 04 Dec 2023 13:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 05 01:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

