

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017333.D
 Acq On : 09 Feb 2024 12:26
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 22:00:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	113876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51188	50.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.722	113	54722	53.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.480%			
50) Toluene-d8	10.185	98	198396	53.020	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.489	95	65180	53.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16981	19.671	ug/l	97
3) Chloromethane	2.113	50	28837	18.595	ug/l	99
4) Vinyl Chloride	2.247	62	35345	18.703	ug/l	99
5) Bromomethane	2.644	94	25039	19.114	ug/l	98
6) Chloroethane	2.796	64	22129	18.135	ug/l	99
7) Trichlorofluoromethane	3.125	101	38625	19.876	ug/l	99
8) Diethyl Ether	3.527	74	11478	18.777	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	23772	20.180	ug/l	99
10) Methyl Iodide	4.094	142	21169	17.093	ug/l	98
11) Tert butyl alcohol	4.954	59	9344	99.179	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	19924	18.050	ug/l	91
13) Acrolein	3.729	56	7891	85.928	ug/l	97
14) Allyl chloride	4.472	41	30241	18.122	ug/l	98
15) Acrylonitrile	5.167	53	25509	92.686	ug/l	100
16) Acetone	3.948	43	30450	101.840	ug/l	100
17) Carbon Disulfide	4.192	76	52459	14.888	ug/l	99
18) Methyl Acetate	4.479	43	10598	15.889	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	49285	18.539	ug/l	99
20) Methylene Chloride	4.716	84	28073	20.884	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	22470	17.894	ug/l	93
22) Diisopropyl ether	6.125	45	71108	19.404	ug/l	95
23) Vinyl Acetate	6.064	43	208372	93.843	ug/l	98
24) 1,1-Dichloroethane	6.021	63	43375	19.322	ug/l	98
25) 2-Butanone	6.990	43	38896	97.856	ug/l	95
26) 2,2-Dichloropropane	6.984	77	35785	19.164	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	26531	18.891	ug/l	98
28) Bromochloromethane	7.332	49	15768	18.344	ug/l	99
29) Tetrahydrofuran	7.356	42	20262	90.240	ug/l	98
30) Chloroform	7.508	83	45639	20.209	ug/l	96
31) Cyclohexane	7.789	56	35392	17.260	ug/l #	95
32) 1,1,1-Trichloroethane	7.710	97	37832	19.476	ug/l	98
36) 1,1-Dichloropropene	7.923	75	32673	18.430	ug/l	100
37) Ethyl Acetate	7.082	43	15222	18.513	ug/l	98
38) Carbon Tetrachloride	7.905	117	32978	19.429	ug/l	99
39) Methylcyclohexane	9.191	83	35486	17.134	ug/l	98
40) Benzene	8.167	78	96851	19.131	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017333.D
 Acq On : 09 Feb 2024 12:26
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 22:00:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7288m	18.708	ug/l	
42) 1,2-Dichloroethane	8.240	62	26000	19.397	ug/l	100
43) Isopropyl Acetate	8.283	43	27277	18.740	ug/l	99
44) Trichloroethene	8.947	130	25543	19.876	ug/l	96
45) 1,2-Dichloropropane	9.222	63	24345	19.578	ug/l	95
46) Dibromomethane	9.313	93	12687	18.887	ug/l	99
47) Bromodichloromethane	9.502	83	32950	19.601	ug/l	97
48) Methyl methacrylate	9.295	41	11720	17.167	ug/l	94
49) 1,4-Dioxane	9.301	88	2863	391.587	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	74786	95.850	ug/l	98
52) Toluene	10.252	92	59285	19.401	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	29662	18.785	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	36729	19.420	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	18747	20.513	ug/l	98
56) Ethyl methacrylate	10.514	69	20623	18.769	ug/l	98
57) 1,3-Dichloropropane	10.794	76	31379	19.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	56531	99.290	ug/l	100
59) 2-Hexanone	10.837	43	55520	98.406	ug/l	99
60) Dibromochloromethane	10.990	129	21374	19.936	ug/l	100
61) 1,2-Dibromoethane	11.093	107	16749	19.705	ug/l	98
64) Tetrachloroethene	10.727	164	21298	19.687	ug/l	96
65) Chlorobenzene	11.520	112	64288	20.006	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	23494	20.118	ug/l	99
67) Ethyl Benzene	11.599	91	112713	19.408	ug/l	100
68) m/p-Xylenes	11.709	106	85591	38.835	ug/l	99
69) o-Xylene	12.038	106	39959	19.688	ug/l	98
70) Styrene	12.050	104	66777	19.969	ug/l	98
71) Bromoform	12.215	173	12044	19.693	ug/l #	98
73) Isopropylbenzene	12.337	105	107630	19.476	ug/l	99
74) N-amyl acetate	12.148	43	22464	18.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	20122	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	14760m	21.259	ug/l	
77) Bromobenzene	12.617	156	23784	19.403	ug/l	97
78) n-propylbenzene	12.678	91	131944	19.440	ug/l	99
79) 2-Chlorotoluene	12.764	91	73824	19.785	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	85913	19.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	5950	17.807	ug/l	98
82) 4-Chlorotoluene	12.861	91	75925	19.771	ug/l	99
83) tert-Butylbenzene	13.081	119	74596	19.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	84407	19.457	ug/l	98
85) sec-Butylbenzene	13.257	105	116405	19.769	ug/l	100
86) p-Isopropyltoluene	13.373	119	92583	19.677	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	47986	19.624	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	47431	19.965	ug/l	97
89) n-Butylbenzene	13.703	91	89216	19.943	ug/l	100
90) Hexachloroethane	13.965	117	19444	20.129	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	41503	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2604	18.393	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	22028	21.304	ug/l	94
94) Hexachlorobutadiene	15.117	225	13043	21.417	ug/l	99
95) Naphthalene	15.239	128	36323	20.175	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	18545	21.088	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
Data File : VY017333.D
Acq On : 09 Feb 2024 12:26
Operator : SY/MD
Sample : VY0209SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 22:00:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

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

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

