

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017469.D
 Acq On : 23 Feb 2024 17:10
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 24 04:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27075	17.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.740%#		
35) Dibromofluoromethane	7.722	113	31071	17.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	35.800%#		
50) Toluene-d8	10.185	98	107842	17.774	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	35.540%#		
62) 4-Bromofluorobenzene	12.483	95	33719	17.683	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	35.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24950	21.161	ug/l	95
3) Chloromethane	2.107	50	45067	20.920	ug/l	97
4) Vinyl Chloride	2.247	62	56388	20.403	ug/l	97
5) Bromomethane	2.637	94	46637	20.707	ug/l	98
6) Chloroethane	2.784	64	36049	20.677	ug/l	99
7) Trichlorofluoromethane	3.113	101	58724	20.848	ug/l	100
8) Diethyl Ether	3.528	74	16905	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	32628	20.139	ug/l	99
10) Methyl Iodide	4.088	142	36095	19.851	ug/l	98
11) Tert butyl alcohol	4.960	59	14130	109.813	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	30469	20.179	ug/l	98
13) Acrolein	3.729	56	16931	99.723	ug/l	100
14) Allyl chloride	4.472	41	36849	20.198	ug/l	97
15) Acrylonitrile	5.167	53	33978	100.050	ug/l	99
16) Acetone	3.948	43	29567	100.633	ug/l	95
17) Carbon Disulfide	4.192	76	93176	20.559	ug/l	99
18) Methyl Acetate	4.479	43	13297	18.654	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	69744	19.818	ug/l	96
20) Methylene Chloride	4.710	84	40512	20.204	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	35658	20.170	ug/l	98
22) Diisopropyl ether	6.119	45	85328	20.268	ug/l	98
23) Vinyl Acetate	6.058	43	250437	99.828	ug/l	99
24) 1,1-Dichloroethane	6.015	63	57354	19.941	ug/l	99
25) 2-Butanone	6.990	43	40664	97.116	ug/l	96
26) 2,2-Dichloropropane	6.978	77	47668	19.712	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39407	19.853	ug/l	99
28) Bromochloromethane	7.338	49	23729	20.948	ug/l	97
29) Tetrahydrofuran	7.356	42	24807	98.282	ug/l	99
30) Chloroform	7.508	83	62188	20.308	ug/l	98
31) Cyclohexane	7.789	56	48539	19.690	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	54204	20.389	ug/l	99
36) 1,1-Dichloropropene	7.923	75	47198	20.158	ug/l	99
37) Ethyl Acetate	7.076	43	18397	19.894	ug/l #	97
38) Carbon Tetrachloride	7.899	117	46707	19.904	ug/l	96
39) Methylcyclohexane	9.185	83	54867	19.499	ug/l	97
40) Benzene	8.161	78	140110	20.150	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017469.D
 Acq On : 23 Feb 2024 17:10
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 04:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8874	19.123	ug/l	96
42) 1,2-Dichloroethane	8.240	62	34277	20.205	ug/l	98
43) Isopropyl Acetate	8.277	43	32028	19.709	ug/l	99
44) Trichloroethene	8.941	130	40373	20.145	ug/l	94
45) 1,2-Dichloropropane	9.216	63	33498	20.249	ug/l	99
46) Dibromomethane	9.307	93	19094	20.168	ug/l	97
47) Bromodichloromethane	9.502	83	46026	20.022	ug/l	96
48) Methyl methacrylate	9.295	41	14049	18.677	ug/l	94
49) 1,4-Dioxane	9.301	88	4142	386.578	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	89444	98.759	ug/l	99
52) Toluene	10.246	92	88666	20.228	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	42829	20.073	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	51562	19.888	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	27240	20.265	ug/l	97
56) Ethyl methacrylate	10.514	69	28935	19.147	ug/l	98
57) 1,3-Dichloropropane	10.794	76	44076	20.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	74243	95.714	ug/l	99
59) 2-Hexanone	10.837	43	63008	101.284	ug/l	99
60) Dibromochloromethane	10.990	129	31872	20.043	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25070	20.238	ug/l	99
64) Tetrachloroethene	10.721	164	43849	20.764	ug/l	98
65) Chlorobenzene	11.520	112	94609	20.259	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	34719	19.845	ug/l	98
67) Ethyl Benzene	11.599	91	161844	19.761	ug/l	99
68) m/p-Xylenes	11.709	106	128111	39.809	ug/l	100
69) o-Xylene	12.032	106	58891	19.725	ug/l	100
70) Styrene	12.050	104	98048	19.785	ug/l	99
71) Bromoform	12.209	173	18989	19.587	ug/l #	98
73) Isopropylbenzene	12.337	105	156088	20.351	ug/l	100
74) N-amyl acetate	12.148	43	26792	19.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25499	19.360	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18745m	19.110	ug/l	
77) Bromobenzene	12.611	156	37222	20.040	ug/l	96
78) n-propylbenzene	12.678	91	189938	20.639	ug/l	100
79) 2-Chlorotoluene	12.758	91	104089	20.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	124597	20.277	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8502	19.916	ug/l	94
82) 4-Chlorotoluene	12.855	91	108388	20.567	ug/l	99
83) tert-Butylbenzene	13.081	119	108330	20.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126877	20.915	ug/l	98
85) sec-Butylbenzene	13.257	105	167296	20.279	ug/l	100
86) p-Isopropyltoluene	13.373	119	134774	19.957	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73951	19.836	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	73408	20.253	ug/l	98
89) n-Butylbenzene	13.703	91	124217	20.161	ug/l	99
90) Hexachloroethane	13.965	117	27543	20.344	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	63453	20.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3724	20.113	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	33596	20.169	ug/l	100
94) Hexachlorobutadiene	15.117	225	21328	20.739	ug/l	98
95) Naphthalene	15.239	128	54989	19.618	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29055	20.333	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
Data File : VY017469.D
Acq On : 23 Feb 2024 17:10
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 04:48:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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

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

