

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020687.D
 Acq On : 23 Dec 2024 12:38
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 23 13:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	100940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	139898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	121636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	61579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	51574	57.691	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.380%	
35) Dibromofluoromethane	7.646	113	46154	56.186	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	112.380%	
50) Toluene-d8	10.115	98	174000	58.320	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	116.640%	
62) 4-Bromofluorobenzene	12.414	95	59386	54.687	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	109.380%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	42835	55.082	ug/l	96
3) Chloromethane	2.080	50	17777	56.112	ug/l	97
4) Vinyl Chloride	2.214	62	21381	55.354	ug/l	97
5) Bromomethane	2.610	94	15093	55.337	ug/l	96
6) Chloroethane	2.751	64	12908	54.984	ug/l	95
7) Trichlorofluoromethane	3.080	101	77184	55.566	ug/l	97
8) Diethyl Ether	3.470	74	19441	58.473	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.836	101	41734	55.021	ug/l	93
10) Methyl Iodide	4.025	142	50719	58.046	ug/l	88
11) Tert butyl alcohol	4.878	59	16066	224.495	ug/l #	84
12) 1,1-Dichloroethene	3.811	96	37410	55.572	ug/l	92
13) Acrolein	3.671	56	3945	276.475	ug/l	99
14) Allyl chloride	4.409	41	43532	55.144	ug/l #	70
15) Acrylonitrile	5.080	53	38117	311.030	ug/l	96
16) Acetone	3.885	43	29306	287.002	ug/l	100
17) Carbon Disulfide	4.128	76	98751	58.837	ug/l	99
18) Methyl Acetate	4.403	43	17098	64.721	ug/l #	85
19) Methyl tert-butyl Ether	5.134	73	105227	57.466	ug/l #	90
20) Methylene Chloride	4.635	84	37317	54.843	ug/l #	88
21) trans-1,2-Dichloroethene	5.141	96	40759	56.152	ug/l	87
22) Diisopropyl ether	6.037	45	90738	56.224	ug/l #	84
23) Vinyl Acetate	5.976	43	284907	298.130	ug/l #	87
24) 1,1-Dichloroethane	5.933	63	67447	56.061	ug/l	97
25) 2-Butanone	6.908	43	42834	298.618	ug/l #	78
26) 2,2-Dichloropropane	6.902	77	80543	53.510	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	47680	55.150	ug/l	91
28) Bromochloromethane	7.262	49	18468	51.512	ug/l #	58
29) Tetrahydrofuran	7.274	42	26976	319.967	ug/l #	75
30) Chloroform	7.433	83	84862	53.662	ug/l	96
31) Cyclohexane	7.719	56	54066	51.254	ug/l #	81
32) 1,1,1-Trichloroethane	7.634	97	91153	55.174	ug/l	96
36) 1,1-Dichloropropene	7.853	75	56184	56.269	ug/l	95
37) Ethyl Acetate	6.994	43	20340	62.332	ug/l #	94
38) Carbon Tetrachloride	7.835	117	91548	56.659	ug/l	96
39) Methylcyclohexane	9.121	83	71616	56.429	ug/l	93
40) Benzene	8.091	78	162713	56.488	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020687.D
 Acq On : 23 Dec 2024 12:38
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 23 13:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11416	61.814	ug/l #	85
42) 1,2-Dichloroethane	8.170	62	53759	58.683	ug/l	98
43) Isopropyl Acetate	8.207	43	42444	62.581	ug/l #	91
44) Trichloroethene	8.878	130	47471	55.530	ug/l	96
45) 1,2-Dichloropropane	9.146	63	32310	57.090	ug/l	97
46) Dibromomethane	9.243	93	22781	58.307	ug/l	91
47) Bromodichloromethane	9.432	83	64511	58.206	ug/l	93
48) Methyl methacrylate	9.231	41	19395	60.325	ug/l #	76
49) 1,4-Dioxane	9.243	88	5175	1263.038	ug/l #	81
51) 4-Methyl-2-Pentanone	10.005	43	103549	305.637	ug/l	93
52) Toluene	10.182	92	110772	56.472	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	57524	58.656	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	63223	58.506	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	29932	59.166	ug/l	91
56) Ethyl methacrylate	10.444	69	40146	62.210	ug/l	87
57) 1,3-Dichloropropane	10.725	76	49363	59.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	70894	293.980	ug/l #	82
59) 2-Hexanone	10.768	43	69770	323.304	ug/l	92
60) Dibromochloromethane	10.920	129	46892	58.055	ug/l	99
61) 1,2-Dibromoethane	11.024	107	28413	59.909	ug/l	100
64) Tetrachloroethene	10.652	164	44055	54.535	ug/l	98
65) Chlorobenzene	11.450	112	124322	54.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	48471	54.608	ug/l	94
67) Ethyl Benzene	11.530	91	223894	54.902	ug/l	99
68) m/p-Xylenes	11.633	106	170991	109.956	ug/l	99
69) o-Xylene	11.962	106	81469	55.771	ug/l	100
70) Styrene	11.975	104	136156	55.416	ug/l	98
71) Bromoform	12.139	173	30077	59.159	ug/l #	99
73) Isopropylbenzene	12.261	105	225831	53.916	ug/l	99
74) N-amyl acetate	12.078	43	36365	61.787	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	30636	56.838	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	21468m	53.190	ug/l	
77) Bromobenzene	12.536	156	52505	55.049	ug/l	85
78) n-propylbenzene	12.603	91	254354	53.863	ug/l	95
79) 2-Chlorotoluene	12.688	91	145847	54.253	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	188299	54.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11989	61.368	ug/l	91
82) 4-Chlorotoluene	12.785	91	149088	54.377	ug/l	95
83) tert-Butylbenzene	13.005	119	175014	54.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	187108	55.133	ug/l	100
85) sec-Butylbenzene	13.182	105	234783	53.941	ug/l	97
86) p-Isopropyltoluene	13.298	119	207868	54.626	ug/l	97
87) 1,3-Dichlorobenzene	13.298	146	103140	55.664	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	98848	54.451	ug/l	98
89) n-Butylbenzene	13.627	91	173932	54.256	ug/l	96
90) Hexachloroethane	13.889	117	39363	54.527	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	88113	55.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5889	57.338	ug/l	92
93) 1,2,4-Trichlorobenzene	14.931	180	54343	57.563	ug/l	100
94) Hexachlorobutadiene	15.035	225	38655	54.993	ug/l	99
95) Naphthalene	15.151	128	94107	53.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	45974	58.249	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020687.D
Acq On : 23 Dec 2024 12:38
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 13:47:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 13:45:38 2024
Response via : Initial Calibration

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

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

