

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016378.D
 Acq On : 16 Nov 2023 08:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 17 04:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	212467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	69760	47.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.734	113	76707	54.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.660%
50) Toluene-d8	10.191	98	301786	53.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.489	95	93448	50.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	72806	46.607	ug/l	97
3) Chloromethane	2.119	50	80905	44.223	ug/l	100
4) Vinyl Chloride	2.259	62	89153	45.318	ug/l	94
5) Bromomethane	2.662	94	56136	43.420	ug/l	99
6) Chloroethane	2.808	64	59029	47.024	ug/l	97
7) Trichlorofluoromethane	3.137	101	144236	50.395	ug/l	99
8) Diethyl Ether	3.540	74	40568	47.425	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	86355	50.094	ug/l	94
10) Methyl Iodide	4.113	142	93568	50.257	ug/l	98
11) Tert butyl alcohol	4.978	59	20830	182.431	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	79653	49.407	ug/l	87
13) Acrolein	3.747	56	24068	174.758	ug/l	98
14) Allyl chloride	4.497	41	108303	47.340	ug/l #	92
15) Acrylonitrile	5.180	53	76808	226.258	ug/l	99
16) Acetone	3.960	43	59396	246.265	ug/l #	85
17) Carbon Disulfide	4.216	76	232773	47.854	ug/l	100
18) Methyl Acetate	4.497	43	61501	47.988	ug/l #	88
19) Methyl tert-butyl Ether	5.234	73	183517	47.032	ug/l	99
20) Methylene Chloride	4.735	84	82719	48.440	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	91195	49.129	ug/l	93
22) Diisopropyl ether	6.137	45	236931	48.055	ug/l #	86
23) Vinyl Acetate	6.076	43	540790	226.365	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	150416	49.452	ug/l	97
25) 2-Butanone	7.002	43	93660	221.706	ug/l	92
26) 2,2-Dichloropropane	6.996	77	139804	50.501	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	98543	49.261	ug/l	92
28) Bromochloromethane	7.350	49	57816	51.359	ug/l	86
29) Tetrahydrofuran	7.362	42	60522	216.748	ug/l	88
30) Chloroform	7.521	83	158600	50.094	ug/l	93
31) Cyclohexane	7.801	56	131784	45.906	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	150262	51.775	ug/l	97
36) 1,1-Dichloropropene	7.935	75	126061	51.892	ug/l	99
37) Ethyl Acetate	7.088	43	43650	44.470	ug/l #	95
38) Carbon Tetrachloride	7.917	117	138404	54.895	ug/l	99
39) Methylcyclohexane	9.197	83	157673	52.088	ug/l	92
40) Benzene	8.173	78	353397	51.778	ug/l	100

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.319	41	25097	50.710	ug/l	#	91
42) 1,2-Dichloroethane	8.252	62	89371	50.537	ug/l		93
43) Isopropyl Acetate	8.283	43	86366	45.520	ug/l	#	88
44) Trichloroethene	8.953	130	102349	52.178	ug/l		93
45) 1,2-Dichloropropane	9.228	63	83984	51.237	ug/l		98
46) Dibromomethane	9.319	93	44788	50.423	ug/l		97
47) Bromodichloromethane	9.508	83	117618	51.506	ug/l		98
48) Methyl methacrylate	9.307	41	49609	47.310	ug/l		84
49) 1,4-Dioxane	9.313	88	7853	832.760	ug/l	#	52
51) 4-Methyl-2-Pentanone	10.081	43	219961	229.261	ug/l		91
52) Toluene	10.258	92	226516	52.502	ug/l		94
53) t-1,3-Dichloropropene	10.477	75	110543	49.934	ug/l		97
54) cis-1,3-Dichloropropene	9.941	75	135940	51.413	ug/l	#	88
55) 1,1,2-Trichloroethane	10.654	97	63307	51.710	ug/l		95
56) Ethyl methacrylate	10.520	69	56674	49.039	ug/l	#	82
57) 1,3-Dichloropropane	10.801	76	104756	50.197	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.795	63	197992	252.659	ug/l		93
59) 2-Hexanone	10.843	43	155371	217.713	ug/l		88
60) Dibromochloromethane	10.996	129	79623	52.002	ug/l		99
61) 1,2-Dibromoethane	11.099	107	57837	49.587	ug/l		99
64) Tetrachloroethene	10.734	164	100082	52.461	ug/l		98
65) Chlorobenzene	11.526	112	236717	52.147	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.599	131	89029	53.174	ug/l		99
67) Ethyl Benzene	11.605	91	432868	53.060	ug/l		97
68) m/p-Xylenes	11.709	106	329534	106.498	ug/l		94
69) o-Xylene	12.038	106	150524	52.394	ug/l		98
70) Styrene	12.050	104	218645	53.150	ug/l		98
71) Bromoform	12.215	173	44969	51.762	ug/l	#	99
73) Isopropylbenzene	12.337	105	420116	52.906	ug/l		99
74) N-amyl acetate	12.148	43	71018	44.525	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	61662	48.392	ug/l		98
76) 1,2,3-Trichloropropane	12.642	75	50966m	54.180	ug/l		
77) Bromobenzene	12.617	156	92574	51.581	ug/l		93
78) n-propylbenzene	12.678	91	494148	52.657	ug/l		100
79) 2-Chlorotoluene	12.764	91	267394	51.703	ug/l		98
80) 1,3,5-Trimethylbenzene	12.819	105	339254	52.990	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.386	75	21058	48.590	ug/l		92
82) 4-Chlorotoluene	12.861	91	275050	51.469	ug/l		99
83) tert-Butylbenzene	13.081	119	302920	53.717	ug/l		97
84) 1,2,4-Trimethylbenzene	13.129	105	330689	52.457	ug/l		98
85) sec-Butylbenzene	13.257	105	427783	53.099	ug/l		100
86) p-Isopropyltoluene	13.379	119	371140	53.501	ug/l		98
87) 1,3-Dichlorobenzene	13.373	146	177733	51.475	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	173416	51.391	ug/l		99
89) n-Butylbenzene	13.702	91	341898	53.368	ug/l		97
90) Hexachloroethane	13.971	117	69288	51.778	ug/l		93
91) 1,2-Dichlorobenzene	13.745	146	149891	50.661	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9007	44.429	ug/l		88
93) 1,2,4-Trichlorobenzene	15.013	180	84925	49.174	ug/l		98
94) Hexachlorobutadiene	15.117	225	52674	53.237	ug/l		98
95) Naphthalene	15.245	128	142962	46.284	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	69522	48.670	ug/l		98

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

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