

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016607.D
 Acq On : 06 Dec 2023 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/07/2023
 Supervised By :Semsettin Yesilyurt 12/07/2023

Quant Time: Dec 07 00:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	202489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	290824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	254705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	123300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	98031	52.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.760%			
35) Dibromofluoromethane	7.734	113	93887	53.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.280%			
50) Toluene-d8	10.197	98	363768	54.948	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.495	95	123566	56.758	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91911	51.386	ug/l	99
3) Chloromethane	2.125	50	77253	41.634	ug/l	99
4) Vinyl Chloride	2.266	62	82582	44.071	ug/l	95
5) Bromomethane	2.668	94	53593	45.659	ug/l	97
6) Chloroethane	2.808	64	53426	46.158	ug/l	95
7) Trichlorofluoromethane	3.143	101	198001	55.895	ug/l	98
8) Diethyl Ether	3.546	74	50061	50.742	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.918	101	102803	51.896	ug/l	96
10) Methyl Iodide	4.113	142	114818	54.858	ug/l	99
11) Tert butyl alcohol	4.972	59	36024	282.506	ug/l #	79
12) 1,1-Dichloroethene	3.893	96	95478	53.057	ug/l	92
13) Acrolein	3.747	56	50451	272.142	ug/l	98
14) Allyl chloride	4.503	41	129361	47.104	ug/l #	91
15) Acrylonitrile	5.186	53	97923	245.917	ug/l	99
16) Acetone	3.966	43	102589	242.235	ug/l	92
17) Carbon Disulfide	4.216	76	250979	49.746	ug/l	99
18) Methyl Acetate	4.497	43	85046	50.661	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	244718	55.321	ug/l	96
20) Methylene Chloride	4.741	84	94830	50.848	ug/l	86
21) trans-1,2-Dichloroethene	5.247	96	104377	51.579	ug/l	90
22) Diisopropyl ether	6.137	45	263706	46.690	ug/l #	91
23) Vinyl Acetate	6.082	43	646669	238.500	ug/l #	91
24) 1,1-Dichloroethane	6.039	63	168411	48.535	ug/l	96
25) 2-Butanone	7.003	43	134214	230.466	ug/l	92
26) 2,2-Dichloropropane	7.003	77	179083	54.898	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	116054	52.100	ug/l	92
28) Bromochloromethane	7.356	49	67187	47.803	ug/l #	71
29) Tetrahydrofuran	7.368	42	78052	235.080	ug/l #	85
30) Chloroform	7.527	83	192134	51.945	ug/l	95
31) Cyclohexane	7.807	56	144626	45.267	ug/l #	85
32) 1,1,1-Trichloroethane	7.722	97	196961	56.267	ug/l	97
36) 1,1-Dichloropropene	7.935	75	143091	53.784	ug/l	96
37) Ethyl Acetate	7.094	43	55451	49.810	ug/l #	93
38) Carbon Tetrachloride	7.923	117	186306	60.490	ug/l	99
39) Methylcyclohexane	9.203	83	179625	56.038	ug/l	88
40) Benzene	8.179	78	398431	53.132	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	34193m	53.181	ug/l	
42) 1,2-Dichloroethane	8.258	62	122844	56.417	ug/l	96
43) Isopropyl Acetate	8.289	43	113646	52.918	ug/l #	91
44) Trichloroethene	8.953	130	129263	57.159	ug/l	95
45) 1,2-Dichloropropane	9.234	63	89119	49.363	ug/l	96
46) Dibromomethane	9.325	93	53768	54.326	ug/l	93
47) Bromodichloromethane	9.514	83	145519	55.227	ug/l	98
48) Methyl methacrylate	9.307	41	65906	53.139	ug/l	92
49) 1,4-Dioxane	9.313	88	11769	1174.810	ug/l #	67
51) 4-Methyl-2-Pentanone	10.081	43	291926	261.567	ug/l	92
52) Toluene	10.258	92	261583	55.657	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	139851	56.239	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	159055	54.462	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	75921	55.068	ug/l	92
56) Ethyl methacrylate	10.526	69	73380	58.066	ug/l	88
57) 1,3-Dichloropropane	10.807	76	125861	54.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	204412	262.473	ug/l #	84
59) 2-Hexanone	10.849	43	216430	256.346	ug/l	91
60) Dibromochloromethane	11.002	129	107395	58.300	ug/l	99
61) 1,2-Dibromoethane	11.105	107	72476	55.891	ug/l	99
64) Tetrachloroethene	10.734	164	136268	58.376	ug/l	97
65) Chlorobenzene	11.532	112	289251	56.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	114032	56.554	ug/l	97
67) Ethyl Benzene	11.605	91	515018	55.665	ug/l	98
68) m/p-Xylenes	11.715	106	401912	114.430	ug/l	93
69) o-Xylene	12.044	106	188230	57.408	ug/l	96
70) Styrene	12.057	104	273153	58.063	ug/l	98
71) Bromoform	12.221	173	65125	59.815	ug/l #	99
73) Isopropylbenzene	12.343	105	521412	57.110	ug/l	97
74) N-amyl acetate	12.154	43	94071	51.673	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.599	83	74920	51.592	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	53516m	48.048	ug/l	
77) Bromobenzene	12.623	156	125625	58.382	ug/l	85
78) n-propylbenzene	12.684	91	592206	55.728	ug/l	96
79) 2-Chlorotoluene	12.770	91	328510	54.859	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	425892	57.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	26383	53.434	ug/l	96
82) 4-Chlorotoluene	12.867	91	338027	54.553	ug/l	96
83) tert-Butylbenzene	13.087	119	396918	59.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	419464	57.886	ug/l	97
85) sec-Butylbenzene	13.270	105	530899	57.028	ug/l	96
86) p-Isopropyltoluene	13.386	119	477893	59.136	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	234212	57.020	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	229955	57.044	ug/l	99
89) n-Butylbenzene	13.709	91	415244	57.137	ug/l	94
90) Hexachloroethane	13.977	117	87271	54.885	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	204212	57.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	14283	61.463	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	128926	64.787	ug/l	97
94) Hexachlorobutadiene	15.129	225	82322	65.476	ug/l	98
95) Naphthalene	15.251	128	222711	65.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	107335	66.218	ug/l	99

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

