

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016575.D
 Acq On : 04 Dec 2023 13:30
 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 :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

Quant Time: Dec 05 01:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	229051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	342210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	298245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	144933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114207	53.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.900%			
35) Dibromofluoromethane	7.734	113	111768	54.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.540%			
50) Toluene-d8	10.191	98	424789	54.531	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.489	95	140152	54.710	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	92460	45.698	ug/l	99
3) Chloromethane	2.119	50	98002	46.691	ug/l	98
4) Vinyl Chloride	2.260	62	101322	47.802	ug/l	98
5) Bromomethane	2.662	94	63047	47.485	ug/l	98
6) Chloroethane	2.802	64	63773	48.708	ug/l	97
7) Trichlorofluoromethane	3.137	101	193180	48.210	ug/l	100
8) Diethyl Ether	3.540	74	54763	49.071	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	110120	49.143	ug/l	99
10) Methyl Iodide	4.107	142	118888	50.215	ug/l	99
11) Tert butyl alcohol	4.966	59	35661	247.229	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	100699	49.469	ug/l	94
13) Acrolein	3.741	56	55568	264.984	ug/l	99
14) Allyl chloride	4.497	41	154418	49.708	ug/l	97
15) Acrylonitrile	5.180	53	115889	257.285	ug/l	99
16) Acetone	3.960	43	105831	220.911	ug/l	98
17) Carbon Disulfide	4.210	76	282075	49.426	ug/l	99
18) Methyl Acetate	4.497	43	102769	54.119	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	257070	51.374	ug/l	99
20) Methylene Chloride	4.735	84	108619	51.534	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	112060	48.954	ug/l	95
22) Diisopropyl ether	6.137	45	326586	51.117	ug/l	91
23) Vinyl Acetate	6.076	43	784756	255.865	ug/l	96
24) 1,1-Dichloroethane	6.033	63	192068	48.934	ug/l	98
25) 2-Butanone	7.003	43	156631	237.769	ug/l	99
26) 2,2-Dichloropropane	6.996	77	179318	48.595	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	125176	49.679	ug/l	95
28) Bromochloromethane	7.350	49	84098	52.896	ug/l	90
29) Tetrahydrofuran	7.362	42	99397	264.651	ug/l	94
30) Chloroform	7.521	83	204539	48.886	ug/l	98
31) Cyclohexane	7.801	56	168081	46.507	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	191770	48.431	ug/l	99
36) 1,1-Dichloropropene	7.935	75	156553	50.008	ug/l	99
37) Ethyl Acetate	7.094	43	68126	52.006	ug/l	98
38) Carbon Tetrachloride	7.917	117	179969	49.658	ug/l	99
39) Methylcyclohexane	9.197	83	192369	51.002	ug/l	93
40) Benzene	8.173	78	438781	49.726	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	39360	53.357	ug/l	93
42) 1,2-Dichloroethane	8.252	62	129746	50.639	ug/l	95
43) Isopropyl Acetate	8.289	43	134455	53.207	ug/l	94
44) Trichloroethene	8.953	130	130039	48.868	ug/l	94
45) 1,2-Dichloropropane	9.228	63	106579	50.169	ug/l	94
46) Dibromomethane	9.319	93	60143	51.642	ug/l	99
47) Bromodichloromethane	9.508	83	156240	50.392	ug/l	99
48) Methyl methacrylate	9.301	41	78524	53.805	ug/l	92
49) 1,4-Dioxane	9.313	88	12630	1071.442	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	353434	269.126	ug/l	95
52) Toluene	10.258	92	280687	50.754	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	150878	51.563	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	176636	51.400	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	82796	51.037	ug/l	95
56) Ethyl methacrylate	10.520	69	81098	54.537	ug/l	90
57) 1,3-Dichloropropane	10.801	76	141779	51.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	254566	277.790	ug/l	92
59) 2-Hexanone	10.843	43	252712	254.374	ug/l	94
60) Dibromochloromethane	10.996	129	109090	50.328	ug/l	98
61) 1,2-Dibromoethane	11.099	107	80212	52.569	ug/l	98
64) Tetrachloroethene	10.734	164	137241	50.210	ug/l	97
65) Chlorobenzene	11.526	112	298200	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	118621	50.242	ug/l	99
67) Ethyl Benzene	11.605	91	543830	50.198	ug/l	98
68) m/p-Xylenes	11.715	106	413747	100.602	ug/l	95
69) o-Xylene	12.038	106	190858	49.712	ug/l	99
70) Styrene	12.057	104	282064	51.204	ug/l	99
71) Bromoform	12.221	173	66115	51.859	ug/l #	99
73) Isopropylbenzene	12.343	105	537510	50.085	ug/l	100
74) N-amyl acetate	12.154	43	110502	51.638	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	86326	50.574	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	64151m	47.806	ug/l	
77) Bromobenzene	12.617	156	125578	49.649	ug/l	91
78) n-propylbenzene	12.684	91	620011	49.636	ug/l	98
79) 2-Chlorotoluene	12.770	91	347796	49.411	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	437115	50.126	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	29282	50.453	ug/l	100
82) 4-Chlorotoluene	12.867	91	359810	49.401	ug/l	99
83) tert-Butylbenzene	13.087	119	392024	50.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	427484	50.188	ug/l	98
85) sec-Butylbenzene	13.264	105	543710	49.686	ug/l	98
86) p-Isopropyltoluene	13.379	119	483152	50.863	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	237973	49.288	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	236026	49.811	ug/l	98
89) n-Butylbenzene	13.709	91	433529	50.749	ug/l	96
90) Hexachloroethane	13.971	117	91829	49.132	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	206322	49.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	14267	52.230	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	120767	51.629	ug/l	99
94) Hexachlorobutadiene	15.123	225	74785	50.603	ug/l	97
95) Naphthalene	15.245	128	208777	54.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	99056	53.798	ug/l	100

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

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