

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016269.D
 Acq On : 09 Nov 2023 08:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023

Quant Time: Nov 09 22:53:23 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	165344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	230665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77715	51.427	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.728	113	77973	51.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.900%			
50) Toluene-d8	10.191	98	310999	50.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.489	95	103421	51.816	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78046	48.206	ug/l	98
3) Chloromethane	2.119	50	88927	46.900	ug/l	98
4) Vinyl Chloride	2.260	62	98039	48.085	ug/l	97
5) Bromomethane	2.662	94	64597	48.210	ug/l	99
6) Chloroethane	2.802	64	61892	47.573	ug/l	93
7) Trichlorofluoromethane	3.137	101	148319	50.001	ug/l	98
8) Diethyl Ether	3.540	74	45904	51.778	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	87720	49.098	ug/l	94
10) Methyl Iodide	4.101	142	97895	50.734	ug/l	97
11) Tert butyl alcohol	4.966	59	28609	241.758	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	82848	49.584	ug/l	90
13) Acrolein	3.735	56	35941	251.801	ug/l	99
14) Allyl chloride	4.491	41	118650	50.041	ug/l #	93
15) Acrylonitrile	5.174	53	94627	268.957	ug/l	98
16) Acetone	3.954	43	67701	270.839	ug/l	96
17) Carbon Disulfide	4.210	76	249279	49.447	ug/l	99
18) Methyl Acetate	4.491	43	73174	55.090	ug/l	91
19) Methyl tert-butyl Ether	5.229	73	214290	52.989	ug/l	98
20) Methylene Chloride	4.729	84	90757	51.500	ug/l	88
21) trans-1,2-Dichloroethene	5.229	96	95486	49.634	ug/l	91
22) Diisopropyl ether	6.131	45	263990	51.662	ug/l	88
23) Vinyl Acetate	6.070	43	662768	267.678	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	157812	50.061	ug/l	98
25) 2-Butanone	6.997	43	118550	270.767	ug/l	95
26) 2,2-Dichloropropane	6.990	77	144773	50.459	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	104515	50.411	ug/l	92
28) Bromochloromethane	7.344	49	62023	53.161	ug/l	92
29) Tetrahydrofuran	7.362	42	79766	275.633	ug/l	91
30) Chloroform	7.515	83	163985	49.975	ug/l	96
31) Cyclohexane	7.795	56	141529	47.569	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	150936	50.181	ug/l	98
36) 1,1-Dichloropropene	7.929	75	131119	49.829	ug/l	99
37) Ethyl Acetate	7.082	43	56474	53.116	ug/l #	95
38) Carbon Tetrachloride	7.911	117	137819	50.464	ug/l	97
39) Methylcyclohexane	9.191	83	160685	49.006	ug/l	93
40) Benzene	8.173	78	370104	50.061	ug/l	100

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41) Methacrylonitrile	7.314	41	29336	54.722	ug/l	96
42) 1,2-Dichloroethane	8.246	62	98899	51.629	ug/l	92
43) Isopropyl Acetate	8.283	43	111950	54.472	ug/l #	92
44) Trichloroethene	8.947	130	106371	50.063	ug/l	97
45) 1,2-Dichloropropane	9.228	63	90076	50.733	ug/l	98
46) Dibromomethane	9.313	93	49863	51.825	ug/l	97
47) Bromodichloromethane	9.502	83	125053	50.556	ug/l	99
48) Methyl methacrylate	9.301	41	62401	54.939	ug/l	87
49) 1,4-Dioxane	9.313	88	10970	1073.952	ug/l #	63
51) 4-Methyl-2-Pentanone	10.075	43	284170	273.436	ug/l	91
52) Toluene	10.252	92	235388	50.368	ug/l	96
53) t-1,3-Dichloropropene	10.472	75	126955	52.943	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	146887	51.286	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	69131	52.130	ug/l	98
56) Ethyl methacrylate	10.520	69	69351	55.400	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	118043	52.220	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	245998	289.810	ug/l	94
59) 2-Hexanone	10.837	43	202807	262.356	ug/l	89
60) Dibromochloromethane	10.996	129	87044	52.483	ug/l	99
61) 1,2-Dibromoethane	11.099	107	67721	53.602	ug/l	100
64) Tetrachloroethene	10.728	164	102046	49.270	ug/l	97
65) Chlorobenzene	11.526	112	246716	50.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92292	50.774	ug/l	98
67) Ethyl Benzene	11.599	91	445310	50.279	ug/l	99
68) m/p-Xylenes	11.709	106	338210	100.678	ug/l	95
69) o-Xylene	12.038	106	158486	50.813	ug/l	96
70) Styrene	12.051	104	232842	52.136	ug/l	98
71) Bromoform	12.215	173	51506	54.609	ug/l #	97
73) Isopropylbenzene	12.337	105	423689	49.162	ug/l	100
74) N-amyl acetate	12.154	43	94766	54.743	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	73128	52.880	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	51180m	50.130	ug/l	
77) Bromobenzene	12.617	156	96747	49.669	ug/l	98
78) n-propylbenzene	12.678	91	502678	49.355	ug/l	100
79) 2-Chlorotoluene	12.764	91	276060	49.183	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	340436	48.995	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25817	54.888	ug/l	90
82) 4-Chlorotoluene	12.861	91	285306	49.192	ug/l	98
83) tert-Butylbenzene	13.087	119	303743	49.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	334862	48.943	ug/l	98
85) sec-Butylbenzene	13.264	105	427936	48.942	ug/l	100
86) p-Isopropyltoluene	13.380	119	370266	49.179	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	183847	49.060	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	180790	49.365	ug/l	99
89) n-Butylbenzene	13.709	91	344717	49.578	ug/l	97
90) Hexachloroethane	13.971	117	70176	48.319	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	159662	49.721	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	11090	50.404	ug/l	89
93) 1,2,4-Trichlorobenzene	15.020	180	94963	50.664	ug/l	99
94) Hexachlorobutadiene	15.123	225	53782	50.084	ug/l	98
95) Naphthalene	15.245	128	178826	53.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	78482	50.623	ug/l	98

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

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