

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006890.D
 Acq On : 24 Nov 2021 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 10:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	100672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	69906	52.982	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.960%			
35) Dibromofluoromethane	7.728	113	51895	54.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.120%			
50) Toluene-d8	10.185	98	214418	53.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.960%			
62) 4-Bromofluorobenzene	12.483	95	74160	55.380	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	51672	53.447	ug/l	99
3) Chloromethane	2.119	50	79117	54.397	ug/l	99
4) Vinyl Chloride	2.259	62	79372	53.752	ug/l	99
5) Bromomethane	2.668	94	47880	60.852	ug/l	99
6) Chloroethane	2.808	64	45643	50.525	ug/l	95
7) Trichlorofluoromethane	3.143	101	108668	58.721	ug/l	97
8) Diethyl Ether	3.546	74	34859	56.559	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	56912	57.906	ug/l	98
10) Methyl Iodide	4.107	142	68426	55.696	ug/l	99
11) Tert butyl alcohol	4.966	59	26110	131.586	ug/l	98
12) 1,1-Dichloroethene	3.887	96	56879	58.352	ug/l	97
13) Acrolein	3.741	56	9069	326.718	ug/l	99
14) Allyl chloride	4.497	41	119985	54.647	ug/l	98
15) Acrylonitrile	5.180	53	87089	244.984	ug/l	99
16) Acetone	3.960	43	99914	249.237	ug/l	99
17) Carbon Disulfide	4.216	76	183705	53.391	ug/l	100
18) Methyl Acetate	4.497	43	66832	51.501	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	162950	53.034	ug/l	97
20) Methylene Chloride	4.735	84	62886	52.770	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	58988	52.972	ug/l	99
22) Diisopropyl ether	6.137	45	230327	53.168	ug/l	97
23) Vinyl Acetate	6.076	43	682873	261.042	ug/l	99
24) 1,1-Dichloroethane	6.039	63	117836	53.291	ug/l	98
25) 2-Butanone	6.996	43	123961	214.380	ug/l	98
26) 2,2-Dichloropropane	6.996	77	108249	54.177	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	68119	54.162	ug/l	96
28) Bromochloromethane	7.350	49	53070	51.023	ug/l	93
29) Tetrahydrofuran	7.356	42	77798	233.854	ug/l	95
30) Chloroform	7.521	83	118158	55.585	ug/l	97
31) Cyclohexane	7.795	56	110627	47.704	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	108778	55.527	ug/l	99
36) 1,1-Dichloropropene	7.929	75	89140	52.478	ug/l	98
37) Ethyl Acetate	7.088	43	54693	48.158	ug/l	99
38) Carbon Tetrachloride	7.917	117	96465	55.522	ug/l	100
39) Methylcyclohexane	9.191	83	105876	51.108	ug/l	100
40) Benzene	8.173	78	254516	53.225	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	33910m	35.561	ug/l	
42) 1,2-Dichloroethane	8.252	62	88911	55.810	ug/l	100
43) Isopropyl Acetate	8.283	43	105538	49.540	ug/l	100
44) Trichloroethene	8.947	130	62113	53.394	ug/l	97
45) 1,2-Dichloropropane	9.228	63	64748	52.481	ug/l	97
46) Dibromomethane	9.313	93	33709	52.458	ug/l	98
47) Bromodichloromethane	9.508	83	90755	55.615	ug/l	99
48) Methyl methacrylate	9.301	41	49237	48.781	ug/l	99
49) 1,4-Dioxane	9.307	88	6911	937.300	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	276040	245.990	ug/l	99
52) Toluene	10.252	92	160169	55.160	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	95463	53.818	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	105732	53.149	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	46090	53.727	ug/l	96
56) Ethyl methacrylate	10.514	69	67353	50.511	ug/l	96
57) 1,3-Dichloropropane	10.795	76	79983	51.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	178096	243.951	ug/l	98
59) 2-Hexanone	10.837	43	159392	198.946	ug/l	97
60) Dibromochloromethane	10.990	129	59639	56.716	ug/l	97
61) 1,2-Dibromoethane	11.093	107	42164	53.051	ug/l	100
64) Tetrachloroethene	10.727	164	61294	54.550	ug/l	97
65) Chlorobenzene	11.520	112	167817	53.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	65025	55.582	ug/l	99
67) Ethyl Benzene	11.599	91	313262	52.829	ug/l	98
68) m/p-Xylenes	11.709	106	236667	104.726	ug/l	95
69) o-Xylene	12.032	106	115068	53.749	ug/l	96
70) Styrene	12.050	104	198079	54.785	ug/l	99
71) Bromoform	12.215	173	38409	54.242	ug/l #	99
73) Isopropylbenzene	12.337	105	306160	54.674	ug/l	100
74) N-amyl acetate	12.148	43	82650	41.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	52406	50.581	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	41179m	51.508	ug/l	
77) Bromobenzene	12.611	156	68378	53.617	ug/l	99
78) n-propylbenzene	12.678	91	370762	54.312	ug/l	100
79) 2-Chlorotoluene	12.758	91	205940	55.128	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	252353	54.985	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18926	46.908	ug/l	96
82) 4-Chlorotoluene	12.861	91	213474	54.666	ug/l	99
83) tert-Butylbenzene	13.081	119	220153	55.229	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	247203	53.948	ug/l	100
85) sec-Butylbenzene	13.257	105	321445	54.150	ug/l	100
86) p-Isopropyltoluene	13.373	119	272890	54.304	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	135740	53.446	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	132222	52.756	ug/l	100
89) n-Butylbenzene	13.696	91	255506	53.885	ug/l	99
90) Hexachloroethane	13.965	117	48852	53.943	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	116421	53.189	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8774	47.908	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	70900	49.513	ug/l	98
94) Hexachlorobutadiene	15.117	225	46873	50.167	ug/l	99
95) Naphthalene	15.239	128	126494	47.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	60162	50.419	ug/l	98

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

