

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006860.D
 Acq On : 23 Nov 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 02:03:01 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	7.801	168	116544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75945	49.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.728	113	57516	52.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.420%		
50) Toluene-d8	10.185	98	235453	51.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.300%		
62) 4-Bromofluorobenzene	12.489	95	71698	46.650	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	56603	50.574	ug/l	99
3) Chloromethane	2.125	50	87334	51.869	ug/l	99
4) Vinyl Chloride	2.266	62	86614	50.668	ug/l	97
5) Bromomethane	2.662	94	53838	59.106	ug/l	98
6) Chloroethane	2.808	64	47201	45.134	ug/l	95
7) Trichlorofluoromethane	3.143	101	120704	56.342	ug/l	99
8) Diethyl Ether	3.540	74	38156	53.478	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	60823	53.457	ug/l	99
10) Methyl Iodide	4.107	142	76037	53.463	ug/l	99
11) Tert butyl alcohol	4.966	59	33621	146.363	ug/l	97
12) 1,1-Dichloroethene	3.887	96	60215	53.361	ug/l	99
13) Acrolein	3.741	56	23303	725.177	ug/l	99
14) Allyl chloride	4.497	41	131253	51.638	ug/l	99
15) Acrylonitrile	5.180	53	105500	256.357	ug/l	99
16) Acetone	3.960	43	119723	257.978	ug/l	96
17) Carbon Disulfide	4.210	76	205421	51.571	ug/l	99
18) Methyl Acetate	4.491	43	77144	51.351	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	191141	53.737	ug/l	98
20) Methylene Chloride	4.735	84	71419	51.699	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	70292	54.526	ug/l	97
22) Diisopropyl ether	6.137	45	271632	54.163	ug/l	96
23) Vinyl Acetate	6.076	43	800463	264.320	ug/l	98
24) 1,1-Dichloroethane	6.033	63	136962	53.505	ug/l	98
25) 2-Butanone	6.996	43	159929	237.600	ug/l	99
26) 2,2-Dichloropropane	6.990	77	127098	54.947	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	78419	53.860	ug/l	95
28) Bromochloromethane	7.350	49	60974	50.638	ug/l	91
29) Tetrahydrofuran	7.362	42	96893	251.587	ug/l	95
30) Chloroform	7.521	83	133678	54.322	ug/l	96
31) Cyclohexane	7.795	56	133016	49.546	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	123779	54.579	ug/l	99
36) 1,1-Dichloropropene	7.929	75	105128	53.924	ug/l	99
37) Ethyl Acetate	7.082	43	65076	49.925	ug/l	99
38) Carbon Tetrachloride	7.911	117	110024	55.175	ug/l	100
39) Methylcyclohexane	9.191	83	123581	51.976	ug/l	97
40) Benzene	8.173	78	301037	54.851	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	51682m	47.222	ug/l	
42) 1,2-Dichloroethane	8.246	62	101702	55.622	ug/l	99
43) Isopropyl Acetate	8.283	43	124091	50.751	ug/l	98
44) Trichloroethene	8.947	130	71739	53.732	ug/l	99
45) 1,2-Dichloropropane	9.228	63	75993	53.667	ug/l	98
46) Dibromomethane	9.313	93	39708	53.840	ug/l	97
47) Bromodichloromethane	9.502	83	104003	55.530	ug/l	99
48) Methyl methacrylate	9.301	41	61323	52.935	ug/l	93
49) 1,4-Dioxane	9.307	88	9193	1086.316	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	338056	262.480	ug/l	99
52) Toluene	10.252	92	182667	54.811	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111403	54.721	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	123951	54.287	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	54112	54.960	ug/l	97
56) Ethyl methacrylate	10.514	69	83259	54.403	ug/l	99
57) 1,3-Dichloropropane	10.795	76	101079	56.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	202648	241.853	ug/l	96
59) 2-Hexanone	10.837	43	224877	239.094	ug/l	98
60) Dibromochloromethane	10.996	129	63143	52.319	ug/l	99
61) 1,2-Dibromoethane	11.093	107	46453	50.925	ug/l	99
64) Tetrachloroethene	10.727	164	65113	56.082	ug/l	97
65) Chlorobenzene	11.520	112	169374	52.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	63243	52.317	ug/l	99
67) Ethyl Benzene	11.599	91	325052	53.052	ug/l	99
68) m/p-Xylenes	11.709	106	243501	104.279	ug/l	99
69) o-Xylene	12.038	106	115026	51.999	ug/l	100
70) Styrene	12.050	104	196647	52.637	ug/l	99
71) Bromoform	12.215	173	38587	52.738	ug/l #	96
73) Isopropylbenzene	12.337	105	308411	56.091	ug/l	99
74) N-amyl acetate	12.148	43	100598	50.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	55889	54.937	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	46767m	59.576	ug/l	
77) Bromobenzene	12.617	156	70574	56.359	ug/l	98
78) n-propylbenzene	12.678	91	382789	57.107	ug/l	99
79) 2-Chlorotoluene	12.764	91	210646	57.428	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	258850	57.440	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21632	54.603	ug/l	95
82) 4-Chlorotoluene	12.861	91	214800	56.020	ug/l	100
83) tert-Butylbenzene	13.081	119	217700	55.620	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	255297	56.742	ug/l	99
85) sec-Butylbenzene	13.258	105	328809	56.412	ug/l	100
86) p-Isopropyltoluene	13.373	119	278397	56.422	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	139611	55.983	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	136427	55.437	ug/l	99
89) n-Butylbenzene	13.703	91	260556	55.963	ug/l	99
90) Hexachloroethane	13.965	117	49051	55.161	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	120008	55.838	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9445	52.522	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	71709	51.001	ug/l	99
94) Hexachlorobutadiene	15.117	225	46205	50.364	ug/l	98
95) Naphthalene	15.245	128	132688	51.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	60157	51.344	ug/l	99

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

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