

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006877.D
 Acq On : 24 Nov 2021 14:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 16:23:02 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	109492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	165864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69171	48.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.400%		
35) Dibromofluoromethane	7.728	113	49014	48.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.220%		
50) Toluene-d8	10.185	98	204478	48.501	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.000%		
62) 4-Bromofluorobenzene	12.483	95	69550	48.935	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	62415	59.358	ug/l	100
3) Chloromethane	2.125	50	93494	59.104	ug/l	99
4) Vinyl Chloride	2.259	62	86196	53.671	ug/l	98
5) Bromomethane	2.662	94	52906	61.824	ug/l	99
6) Chloroethane	2.808	64	51286	52.198	ug/l	96
7) Trichlorofluoromethane	3.143	101	117598	58.428	ug/l	98
8) Diethyl Ether	3.540	74	37193	55.485	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	60976	57.043	ug/l	99
10) Methyl Iodide	4.107	142	74378	55.664	ug/l	99
11) Tert butyl alcohol	4.960	59	35481	164.408	ug/l	99
12) 1,1-Dichloroethene	3.887	96	59453	56.079	ug/l	92
13) Acrolein	3.741	56	10193	337.631	ug/l	97
14) Allyl chloride	4.497	41	130652	54.712	ug/l	99
15) Acrylonitrile	5.174	53	107928	279.148	ug/l	100
16) Acetone	3.954	43	114689	263.048	ug/l	99
17) Carbon Disulfide	4.210	76	193505	51.709	ug/l	100
18) Methyl Acetate	4.485	43	73428	52.026	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	191778	57.388	ug/l	99
20) Methylene Chloride	4.729	84	73966	57.368	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	66879	55.220	ug/l	98
22) Diisopropyl ether	6.131	45	254687	54.055	ug/l	98
23) Vinyl Acetate	6.070	43	801148	281.585	ug/l	98
24) 1,1-Dichloroethane	6.033	63	131144	54.532	ug/l	99
25) 2-Butanone	6.996	43	157670	248.763	ug/l	98
26) 2,2-Dichloropropane	6.990	77	127213	58.539	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	76280	55.766	ug/l	95
28) Bromochloromethane	7.344	49	51400	45.437	ug/l #	17
29) Tetrahydrofuran	7.356	42	96435	266.525	ug/l	97
30) Chloroform	7.515	83	131081	56.697	ug/l	100
31) Cyclohexane	7.795	56	130886	51.893	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	122670	57.574	ug/l	98
36) 1,1-Dichloropropene	7.929	75	102081	56.622	ug/l	99
37) Ethyl Acetate	7.088	43	64977	53.906	ug/l	99
38) Carbon Tetrachloride	7.911	117	111882	60.672	ug/l	97
39) Methylcyclohexane	9.191	83	123775	56.293	ug/l	95
40) Benzene	8.167	78	287922	56.730	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	38847m	38.383	ug/l	
42) 1,2-Dichloroethane	8.246	62	101233	59.871	ug/l	99
43) Isopropyl Acetate	8.283	43	125907	55.684	ug/l	100
44) Trichloroethene	8.947	130	75928	61.496	ug/l	94
45) 1,2-Dichloropropane	9.222	63	69027	52.714	ug/l	98
46) Dibromomethane	9.313	93	38689	56.727	ug/l	96
47) Bromodichloromethane	9.502	83	100854	58.230	ug/l	99
48) Methyl methacrylate	9.295	41	54339	50.723	ug/l	99
49) 1,4-Dioxane	9.307	88	9435	1205.630	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	302075	253.627	ug/l	99
52) Toluene	10.252	92	179783	58.335	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	110015	58.436	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	117780	55.782	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	53814	59.104	ug/l	99
56) Ethyl methacrylate	10.514	69	80948	57.197	ug/l	94
57) 1,3-Dichloropropane	10.795	76	91362	54.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	195380	252.152	ug/l	95
59) 2-Hexanone	10.837	43	190683	221.213	ug/l	96
60) Dibromochloromethane	10.990	129	67694	60.654	ug/l	99
61) 1,2-Dibromoethane	11.093	107	49856	59.102	ug/l	100
64) Tetrachloroethene	10.727	164	68076	58.027	ug/l	94
65) Chlorobenzene	11.520	112	186844	57.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70653	57.842	ug/l	100
67) Ethyl Benzene	11.599	91	350921	56.681	ug/l	98
68) m/p-Xylenes	11.709	106	270800	114.769	ug/l	98
69) o-Xylene	12.032	106	125360	56.084	ug/l	100
70) Styrene	12.050	104	216347	57.310	ug/l	99
71) Bromoform	12.215	173	42923	58.056	ug/l #	99
73) Isopropylbenzene	12.331	105	337851	57.613	ug/l	99
74) N-amyl acetate	12.148	43	111201	52.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	60817	56.053	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	49105m	58.653	ug/l	
77) Bromobenzene	12.611	156	76977	57.638	ug/l	100
78) n-propylbenzene	12.678	91	422853	59.150	ug/l	100
79) 2-Chlorotoluene	12.764	91	230436	58.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	282458	58.769	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	24486	57.952	ug/l	97
82) 4-Chlorotoluene	12.861	91	239184	58.488	ug/l	100
83) tert-Butylbenzene	13.081	119	245397	58.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	277927	57.919	ug/l	99
85) sec-Butylbenzene	13.258	105	364460	58.628	ug/l	100
86) p-Isopropyltoluene	13.373	119	308589	58.640	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	152155	57.208	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	148704	56.657	ug/l	99
89) n-Butylbenzene	13.703	91	291498	58.703	ug/l	100
90) Hexachloroethane	13.965	117	54504	57.470	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	130858	57.089	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10598	55.258	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	80580	53.736	ug/l	99
94) Hexachlorobutadiene	15.117	225	53078	54.247	ug/l	99
95) Naphthalene	15.239	128	150549	54.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	67439	53.970	ug/l	100

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

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