

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007386.D
 Acq On : 04 Feb 2022 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 06 23:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83347	49.266	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.540%		
35) Dibromofluoromethane	7.716	113	77534	49.090	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.180%		
50) Toluene-d8	10.179	98	290135	49.722	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.440%		
62) 4-Bromofluorobenzene	12.483	95	97211	49.015	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77395	44.945	ug/l	100
3) Chloromethane	2.113	50	85387	44.946	ug/l	95
4) Vinyl Chloride	2.253	62	90731	44.681	ug/l	99
5) Bromomethane	2.650	94	60002	48.783	ug/l	99
6) Chloroethane	2.790	64	55023	44.121	ug/l	98
7) Trichlorofluoromethane	3.125	101	155598	47.285	ug/l	95
8) Diethyl Ether	3.527	74	48086	49.230	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	88319	47.656	ug/l	92
10) Methyl Iodide	4.088	142	100789	50.449	ug/l	95
11) Tert butyl alcohol	4.942	59	47117	240.672	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	81171	47.416	ug/l	87
13) Acrolein	3.729	56	54310	238.970	ug/l	95
14) Allyl chloride	4.479	41	126022	47.929	ug/l #	95
15) Acrylonitrile	5.161	53	120305	262.157	ug/l	99
16) Acetone	3.942	43	152984	278.433	ug/l	92
17) Carbon Disulfide	4.192	76	252937	47.064	ug/l	99
18) Methyl Acetate	4.472	43	53779	52.258	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	238127	49.373	ug/l	94
20) Methylene Chloride	4.710	84	86085	48.263	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	88496	46.729	ug/l	89
22) Diisopropyl ether	6.112	45	256901	46.630	ug/l	95
23) Vinyl Acetate	6.058	43	889862	247.661	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	156149	46.928	ug/l	99
25) 2-Butanone	6.984	43	176404	265.733	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	148436	46.622	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	100317	47.956	ug/l	89
28) Bromochloromethane	7.332	49	63704	48.964	ug/l #	85
29) Tetrahydrofuran	7.338	42	100815	262.812	ug/l #	87
30) Chloroform	7.502	83	161015	46.518	ug/l	99
31) Cyclohexane	7.783	56	147021	44.537	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	152995	47.558	ug/l	95
36) 1,1-Dichloropropene	7.917	75	129215	46.797	ug/l	99
37) Ethyl Acetate	7.070	43	69963	50.966	ug/l	96
38) Carbon Tetrachloride	7.899	117	136027	46.891	ug/l	99
39) Methylcyclohexane	9.179	83	163374	47.114	ug/l	90
40) Benzene	8.161	78	341988	46.726	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32702m	47.939	ug/l	
42) 1,2-Dichloroethane	8.234	62	106588	47.907	ug/l	95
43) Isopropyl Acetate	8.271	43	133605	52.043	ug/l #	93
44) Trichloroethene	8.935	130	93354	47.174	ug/l	88
45) 1,2-Dichloropropane	9.216	63	84080	46.589	ug/l	97
46) Dibromomethane	9.301	93	52323	48.730	ug/l	92
47) Bromodichloromethane	9.496	83	122820	47.303	ug/l	99
48) Methyl methacrylate	9.289	41	59900	51.594	ug/l #	89
49) 1,4-Dioxane	9.295	88	14063	1195.685	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	343438	263.777	ug/l	91
52) Toluene	10.240	92	216392	46.925	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	132128	48.711	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	145804	47.990	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	68917	48.871	ug/l	99
56) Ethyl methacrylate	10.508	69	100273	51.194	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121785	48.709	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	251969	247.304	ug/l	96
59) 2-Hexanone	10.831	43	254808	268.441	ug/l	90
60) Dibromochloromethane	10.983	129	85729	48.832	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69656	49.927	ug/l	100
64) Tetrachloroethene	10.721	164	80538	47.631	ug/l	97
65) Chlorobenzene	11.514	112	226697	47.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	85578	47.829	ug/l	98
67) Ethyl Benzene	11.593	91	428497	47.112	ug/l	100
68) m/p-Xylenes	11.703	106	319039	94.709	ug/l	100
69) o-Xylene	12.026	106	151984	47.720	ug/l	99
70) Styrene	12.044	104	253145	48.216	ug/l	99
71) Bromoform	12.209	173	50488	51.144	ug/l #	99
73) Isopropylbenzene	12.331	105	410909	46.163	ug/l	98
74) N-amyl acetate	12.142	43	114002	51.742	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	81291	50.009	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	59582m	51.459	ug/l	
77) Bromobenzene	12.605	156	87166	46.489	ug/l	96
78) n-propylbenzene	12.672	91	506787	47.005	ug/l	99
79) 2-Chlorotoluene	12.758	91	276493	46.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	339897	46.808	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29826	51.607	ug/l #	72
82) 4-Chlorotoluene	12.855	91	285159	46.511	ug/l	98
83) tert-Butylbenzene	13.075	119	296547	46.911	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	334684	46.811	ug/l	99
85) sec-Butylbenzene	13.251	105	443097	46.732	ug/l	99
86) p-Isopropyltoluene	13.367	119	366498	47.449	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	172941	47.572	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	169070	46.655	ug/l	97
89) n-Butylbenzene	13.696	91	353257	47.518	ug/l	99
90) Hexachloroethane	13.959	117	68961	47.243	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	150184	46.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13993	52.972	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	92604	48.868	ug/l	97
94) Hexachlorobutadiene	15.111	225	50852	48.476	ug/l	98
95) Naphthalene	15.233	128	215025	54.603	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	81517	50.961	ug/l	97

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

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