

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007400.D
 Acq On : 04 Feb 2022 17:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 23:37:28 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	144207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87408	52.696	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.400%			
35) Dibromofluoromethane	7.716	113	81719	51.860	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.720%			
50) Toluene-d8	10.179	98	309845	53.222	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.477	95	101218	51.153	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77410	45.849	ug/l	99
3) Chloromethane	2.113	50	88024	47.444	ug/l	95
4) Vinyl Chloride	2.253	62	93190	46.806	ug/l	100
5) Bromomethane	2.650	94	60960	50.549	ug/l	100
6) Chloroethane	2.796	64	57873	47.331	ug/l	98
7) Trichlorofluoromethane	3.125	101	153696	47.638	ug/l	94
8) Diethyl Ether	3.527	74	46347	48.395	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	87475	48.141	ug/l	90
10) Methyl Iodide	4.094	142	99358	50.723	ug/l	96
11) Tert butyl alcohol	4.948	59	40712	205.012	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	79419	47.317	ug/l	89
13) Acrolein	3.723	56	43331	194.459	ug/l	99
14) Allyl chloride	4.485	41	129716	50.317	ug/l #	96
15) Acrylonitrile	5.161	53	111803	248.484	ug/l	99
16) Acetone	3.942	43	116789	216.792	ug/l	95
17) Carbon Disulfide	4.192	76	247642	46.997	ug/l	99
18) Methyl Acetate	4.472	43	49424	48.983	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	233217	49.319	ug/l	94
20) Methylene Chloride	4.710	84	89845	51.529	ug/l	83
21) trans-1,2-Dichloroethene	5.222	96	90093	48.520	ug/l	88
22) Diisopropyl ether	6.112	45	268204	49.652	ug/l	97
23) Vinyl Acetate	6.057	43	880815	250.027	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	161854	49.612	ug/l	98
25) 2-Butanone	6.984	43	150874	231.803	ug/l #	91
26) 2,2-Dichloropropane	6.984	77	146833	47.037	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	100594	49.047	ug/l	91
28) Bromochloromethane	7.332	49	65252	51.153	ug/l	90
29) Tetrahydrofuran	7.344	42	92815	246.778	ug/l	88
30) Chloroform	7.508	83	168744	49.722	ug/l	98
31) Cyclohexane	7.789	56	149795	46.281	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	151902	48.159	ug/l	96
36) 1,1-Dichloropropene	7.917	75	130678	47.436	ug/l	99
37) Ethyl Acetate	7.076	43	64807	47.319	ug/l	96
38) Carbon Tetrachloride	7.899	117	138782	47.951	ug/l	96
39) Methylcyclohexane	9.185	83	161104	46.567	ug/l	92
40) Benzene	8.161	78	351928	48.195	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	33731m	49.562	ug/l	
42) 1,2-Dichloroethane	8.240	62	107957	48.635	ug/l	94
43) Isopropyl Acetate	8.271	43	126504	49.391	ug/l #	92
44) Trichloroethene	8.941	130	94031	47.626	ug/l	96
45) 1,2-Dichloropropane	9.215	63	87265	48.465	ug/l	92
46) Dibromomethane	9.307	93	51795	48.350	ug/l	92
47) Bromodichloromethane	9.496	83	127445	49.198	ug/l	99
48) Methyl methacrylate	9.295	41	57492	49.634	ug/l	90
49) 1,4-Dioxane	9.301	88	11115	947.220	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	319701	246.113	ug/l	92
52) Toluene	10.240	92	220729	47.976	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	131267	48.505	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	148635	49.035	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	68724	48.847	ug/l	95
56) Ethyl methacrylate	10.508	69	98025	50.162	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121486	48.701	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	251323	247.240	ug/l	97
59) 2-Hexanone	10.831	43	220580	232.918	ug/l	91
60) Dibromochloromethane	10.983	129	84492	48.238	ug/l	100
61) 1,2-Dibromoethane	11.087	107	68057	48.894	ug/l	100
64) Tetrachloroethene	10.721	164	81151	47.869	ug/l	92
65) Chlorobenzene	11.514	112	230719	48.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	86491	48.214	ug/l	99
67) Ethyl Benzene	11.593	91	439311	48.176	ug/l	100
68) m/p-Xylenes	11.703	106	323030	95.645	ug/l	99
69) o-Xylene	12.026	106	155268	48.625	ug/l	100
70) Styrene	12.044	104	257793	48.974	ug/l	99
71) Bromoform	12.209	173	48216	48.715	ug/l #	99
73) Isopropylbenzene	12.325	105	416907	48.417	ug/l	98
74) N-amyl acetate	12.142	43	107858	50.604	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	75856	48.239	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	55159m	49.246	ug/l	
77) Bromobenzene	12.605	156	88276	48.669	ug/l	97
78) n-propylbenzene	12.672	91	511549	49.047	ug/l	98
79) 2-Chlorotoluene	12.758	91	279499	48.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	345221	49.145	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	26583	47.548	ug/l	91
82) 4-Chlorotoluene	12.855	91	290612	48.999	ug/l	98
83) tert-Butylbenzene	13.075	119	299114	48.913	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	337594	48.811	ug/l	98
85) sec-Butylbenzene	13.251	105	444643	48.477	ug/l	98
86) p-Isopropyltoluene	13.367	119	365157	48.870	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	172656	49.096	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	169853	48.452	ug/l	98
89) n-Butylbenzene	13.696	91	352238	48.979	ug/l	98
90) Hexachloroethane	13.959	117	70417	49.868	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	150959	48.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12296	48.117	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	87819	47.907	ug/l	98
94) Hexachlorobutadiene	15.111	225	49441	48.720	ug/l	99
95) Naphthalene	15.233	128	191124	50.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76667	49.546	ug/l	98

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

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