

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002745.D
 Acq On : 21 May 2020 16:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 17:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	534409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	493581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257567	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	148827	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
35) Dibromofluoromethane	7.72	113	158535	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
50) Toluene-d8	10.18	98	634382	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.48	95	215395	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	120593	46.696	ug/l	99
3) Chloromethane	2.12	50	138708	46.898	ug/l	100
4) Vinyl Chloride	2.26	62	149255	48.429	ug/l	99
5) Bromomethane	2.65	94	107658	47.131	ug/l	98
6) Chloroethane	2.80	64	94727	48.065	ug/l	98
7) Trichlorofluoromethane	3.13	101	247183	47.592	ug/l	97
8) Diethyl Ether	3.54	74	89437	50.620	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152554	48.455	ug/l	98
10) Methyl Iodide	4.10	142	207958	47.988	ug/l	99
11) Tert butyl alcohol	4.97	59	73425	256.466	ug/l	99
12) 1,1-Dichloroethene	3.88	96	152532	48.251	ug/l	97
13) Acrolein	3.74	56	76817	228.762	ug/l	97
14) Allyl chloride	4.49	41	226732	49.959	ug/l	98
15) Acrylonitrile	5.18	53	209485	261.851	ug/l	100
16) Acetone	3.96	43	148301	255.190	ug/l	99
17) Carbon Disulfide	4.20	76	470491	47.448	ug/l	100
18) Methyl Acetate	4.48	43	86768	52.365	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	403585	51.470	ug/l	99
20) Methylene Chloride	4.72	84	172358	49.065	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	169139	48.117	ug/l	99
22) Diisopropyl ether	6.13	45	459690	51.053	ug/l	98
23) Vinyl Acetate	6.07	43	1499142	260.018	ug/l	99
24) 1,1-Dichloroethane	6.03	63	269954	50.174	ug/l	98
25) 2-Butanone	7.00	43	251946	262.028	ug/l	99
26) 2,2-Dichloropropane	6.99	77	235490	47.040	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	186615	49.132	ug/l	99
28) Bromochloromethane	7.34	49	107371	50.446	ug/l	99
29) Tetrahydrofuran	7.36	42	174475	266.695	ug/l	99
30) Chloroform	7.51	83	277154	49.632	ug/l	100
31) Cyclohexane	7.79	56	256950	47.086	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	252831	49.000	ug/l	100
36) 1,1-Dichloropropene	7.93	75	219668	48.556	ug/l	100
37) Ethyl Acetate	7.08	43	118073	53.063	ug/l	99
38) Carbon Tetrachloride	7.91	117	235006	48.333	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	291021	47.841	ug/l	98
40) Benzene	8.17	78	650329	49.267	ug/l	99
41) Methacrylonitrile	7.33	41	71185m	53.248	ug/l	
42) 1,2-Dichloroethane	8.24	62	172985	49.687	ug/l	99
43) Isopropyl Acetate	8.28	43	219294	53.030	ug/l	100
44) Trichloroethene	8.94	130	210772	50.093	ug/l	99
45) 1,2-Dichloropropane	9.22	63	157809	50.372	ug/l	99
46) Dibromomethane	9.31	93	90008	51.137	ug/l	99
47) Bromodichloromethane	9.50	83	218419	50.846	ug/l	98
48) Methyl methacrylate	9.30	41	100260	52.658	ug/l	99
49) 1,4-Dioxane	9.30	88	26016	1085.247	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	574798	269.222	ug/l	100
52) Toluene	10.24	92	417998	48.932	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	231984	50.596	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	268379	50.491	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	135644	51.764	ug/l	98
56) Ethyl methacrylate	10.51	69	185156	53.075	ug/l	99
57) 1,3-Dichloropropane	10.79	76	222511	50.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	474151	275.316	ug/l	99
59) 2-Hexanone	10.83	43	403614	271.342	ug/l	99
60) Dibromochloromethane	10.99	129	170807	51.022	ug/l	100
61) 1,2-Dibromoethane	11.09	107	133244	51.610	ug/l	99
64) Tetrachloroethene	10.72	164	232815	49.684	ug/l	98
65) Chlorobenzene	11.52	112	464295	48.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	176118	49.753	ug/l	99
67) Ethyl Benzene	11.59	91	810727	48.411	ug/l	99
68) m/p-Xylenes	11.70	106	629112	96.559	ug/l	100
69) o-Xylene	12.03	106	296698	48.519	ug/l	100
70) Styrene	12.04	104	517662	49.305	ug/l	99
71) Bromoform	12.20	173	112194	51.274	ug/l #	100
73) Isopropylbenzene	12.33	105	811529	48.219	ug/l	100
74) N-amyl acetate	12.14	43	205807	52.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	126852	51.185	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	106870m	50.510	ug/l	
77) Bromobenzene	12.61	156	205677	48.882	ug/l	100
78) n-propylbenzene	12.67	91	942566	48.143	ug/l	100
79) 2-Chlorotoluene	12.75	91	518915	47.787	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	675159	47.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56475	50.480	ug/l #	80
82) 4-Chlorotoluene	12.85	91	543968	47.823	ug/l	100
83) tert-Butylbenzene	13.07	119	599779	47.923	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	679977	48.113	ug/l	99
85) sec-Butylbenzene	13.25	105	819953	47.478	ug/l	100
86) p-Isopropyltoluene	13.37	119	770681	47.675	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	390191	48.097	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	385461	47.725	ug/l	100
89) n-Butylbenzene	13.69	91	698221	47.034	ug/l	100
90) Hexachloroethane	13.96	117	143343	47.875	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	349780	48.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24282	51.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	253502	48.243	ug/l	99
94) Hexachlorobutadiene	15.11	225	149297	47.521	ug/l	99
95) Naphthalene	15.23	128	475589	47.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	216982	48.512	ug/l	100

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

