

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002477.D
 Acq On : 24 Apr 2020 10:19
 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: Apr 25 06:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	334981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	492380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	442496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	234664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	127823	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	7.75	113	127670	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.20	98	481985	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
62) 4-Bromofluorobenzene	12.50	95	164673	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	116612	47.534	ug/l	99
3) Chloromethane	2.13	50	139593	44.722	ug/l	99
4) Vinyl Chloride	2.27	62	104880	46.773	ug/l	99
5) Bromomethane	2.67	94	80341	63.839	ug/l	91
6) Chloroethane	2.82	64	70296	59.102	ug/l	100
7) Trichlorofluoromethane	3.15	101	173109	42.575	ug/l	100
8) Diethyl Ether	3.55	74	71665	42.760	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	145066	51.830	ug/l	100
10) Methyl Iodide	4.12	142	220582	51.087	ug/l	99
11) Tert butyl alcohol	4.99	59	72731	263.932	ug/l	97
12) 1,1-Dichloroethene	3.90	96	146342	51.033	ug/l	95
13) Acrolein	3.76	56	60225	273.015	ug/l	99
14) Allyl chloride	4.51	41	209888	49.805	ug/l	97
15) Acrylonitrile	5.20	53	205531	256.307	ug/l	99
16) Acetone	3.97	43	185222	302.714	ug/l	96
17) Carbon Disulfide	4.22	76	437012	48.874	ug/l	99
18) Methyl Acetate	4.51	43	97068	49.300	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	397711	51.397	ug/l	99
20) Methylene Chloride	4.75	84	155500	44.513	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	158847	49.202	ug/l	96
22) Diisopropyl ether	6.15	45	410042	49.211	ug/l	97
23) Vinyl Acetate	6.10	43	1363788	257.580	ug/l	99
24) 1,1-Dichloroethane	6.05	63	249812	49.520	ug/l	99
25) 2-Butanone	7.02	43	245685	262.094	ug/l	97
26) 2,2-Dichloropropane	7.02	77	241211	49.997	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	174669	49.742	ug/l	100
28) Bromochloromethane	7.37	49	87395	44.406	ug/l	99
29) Tetrahydrofuran	7.38	42	160781	258.702	ug/l	99
30) Chloroform	7.53	83	263602	49.076	ug/l	97
31) Cyclohexane	7.82	56	230631	45.719	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	250458	49.348	ug/l	100
36) 1,1-Dichloropropene	7.94	75	206728	48.965	ug/l	99
37) Ethyl Acetate	7.11	43	109938	51.833	ug/l	99
38) Carbon Tetrachloride	7.93	117	236372	48.686	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	268280	48.712	ug/l	98
40) Benzene	8.19	78	601857	49.322	ug/l	99
41) Methacrylonitrile	7.36	41	70627m	54.047	ug/l	
42) 1,2-Dichloroethane	8.26	62	175142	49.408	ug/l	100
43) Isopropyl Acetate	8.30	43	202993	51.170	ug/l	99
44) Trichloroethene	8.96	130	185810	48.697	ug/l	98
45) 1,2-Dichloropropane	9.24	63	139003	49.425	ug/l	97
46) Dibromomethane	9.33	93	83639	50.831	ug/l	98
47) Bromodichloromethane	9.52	83	208288	50.619	ug/l	99
48) Methyl methacrylate	9.32	41	93443	51.598	ug/l	97
49) 1,4-Dioxane	9.32	88	21074	1004.976	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	530001	257.215	ug/l	99
52) Toluene	10.26	92	385593	49.089	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	222698	51.535	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	248618	50.266	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	122001	50.147	ug/l	97
56) Ethyl methacrylate	10.53	69	170360	51.248	ug/l	99
57) 1,3-Dichloropropane	10.81	76	203808	49.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	378175	235.251	ug/l	99
59) 2-Hexanone	10.85	43	369001	256.917	ug/l	99
60) Dibromochloromethane	11.00	129	161503	50.662	ug/l	99
61) 1,2-Dibromoethane	11.11	107	120401	49.908	ug/l	99
64) Tetrachloroethene	10.74	164	199618	49.222	ug/l	99
65) Chlorobenzene	11.53	112	428217	50.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	164103	51.269	ug/l	99
67) Ethyl Benzene	11.61	91	758432	49.885	ug/l	99
68) m/p-Xylenes	11.72	106	584352	99.842	ug/l	98
69) o-Xylene	12.05	106	274850	50.711	ug/l	99
70) Styrene	12.06	104	479065	50.763	ug/l	99
71) Bromoform	12.22	173	105861	52.500	ug/l #	99
73) Isopropylbenzene	12.35	105	758156	48.326	ug/l	99
74) N-amyl acetate	12.16	43	187598	50.462	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	119633	49.651	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	92238m	46.376	ug/l	
77) Bromobenzene	12.63	156	189685	48.209	ug/l	98
78) n-propylbenzene	12.69	91	872964	47.924	ug/l	100
79) 2-Chlorotoluene	12.77	91	481469	48.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	638291	47.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	54510	50.716	ug/l #	77
82) 4-Chlorotoluene	12.87	91	502283	48.757	ug/l	100
83) tert-Butylbenzene	13.09	119	551428	47.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	641671	50.229	ug/l	100
85) sec-Butylbenzene	13.27	105	762275	49.234	ug/l	100
86) p-Isopropyltoluene	13.38	119	718528	48.664	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	362044	49.749	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	359931	49.739	ug/l	100
89) n-Butylbenzene	13.71	91	658654	48.356	ug/l	99
90) Hexachloroethane	13.98	117	131391	49.233	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	328436	52.406	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	24092	50.364	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	245662	49.666	ug/l	99
94) Hexachlorobutadiene	15.13	225	144637	48.452	ug/l	99
95) Naphthalene	15.25	128	467947	51.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	208110	49.603	ug/l	99

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

