

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003352.D
 Acq On : 27 Jul 2020 13:12
 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: Jul 28 05:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	498261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	730427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	352900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	206270	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.72	113	204990	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.18	98	736525	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.48	95	270963	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	147497	41.302	ug/l	99
3) Chloromethane	2.12	50	217549	43.918	ug/l	99
4) Vinyl Chloride	2.26	62	238434	46.914	ug/l	99
5) Bromomethane	2.65	94	181892	48.183	ug/l	96
6) Chloroethane	2.80	64	158829	47.580	ug/l	100
7) Trichlorofluoromethane	3.13	101	360176	49.623	ug/l	99
8) Diethyl Ether	3.53	74	127115	52.264	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	222753	50.815	ug/l	99
10) Methyl Iodide	4.10	142	241082	50.621	ug/l	99
11) Tert butyl alcohol	4.97	59	124526	273.835	ug/l	97
12) 1,1-Dichloroethene	3.88	96	207561	50.061	ug/l	99
13) Acrolein	3.74	56	72735	184.275	ug/l	99
14) Allyl chloride	4.49	41	350233	56.927	ug/l	95
15) Acrylonitrile	5.17	53	327796	280.570	ug/l	99
16) Acetone	3.96	43	280087	298.161	ug/l	98
17) Carbon Disulfide	4.20	76	590528	46.415	ug/l	98
18) Methyl Acetate	4.49	43	153795	58.953	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	624632	53.759	ug/l	98
20) Methylene Chloride	4.72	84	277256	59.731	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	241831	51.568	ug/l	96
22) Diisopropyl ether	6.13	45	778909	57.045	ug/l	96
23) Vinyl Acetate	6.07	43	2547575	279.928	ug/l	100
24) 1,1-Dichloroethane	6.03	63	430275	54.393	ug/l	99
25) 2-Butanone	6.99	43	439102	284.691	ug/l	100
26) 2,2-Dichloropropane	6.99	77	402880	56.552	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	274843	53.230	ug/l	97
28) Bromochloromethane	7.34	49	188098	54.921	ug/l	98
29) Tetrahydrofuran	7.35	42	288705	278.634	ug/l	97
30) Chloroform	7.51	83	434894	53.379	ug/l	99
31) Cyclohexane	7.78	56	380161	49.699	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	396656	54.079	ug/l	98
36) 1,1-Dichloropropene	7.92	75	338882	51.190	ug/l	99
37) Ethyl Acetate	7.08	43	195147	54.738	ug/l	98
38) Carbon Tetrachloride	7.90	117	360402	52.734	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	413253	49.692	ug/l	97
40) Benzene	8.16	78	955261	52.405	ug/l	97
41) Methacrylonitrile	7.33	41	111477m	51.918	ug/l	
42) 1,2-Dichloroethane	8.24	62	290603	51.785	ug/l	99
43) Isopropyl Acetate	8.27	43	374354	54.248	ug/l	99
44) Trichloroethene	8.94	130	279407	50.002	ug/l	96
45) 1,2-Dichloropropane	9.22	63	256237	54.326	ug/l	98
46) Dibromomethane	9.31	93	139643	50.690	ug/l	98
47) Bromodichloromethane	9.50	83	351491	53.647	ug/l	97
48) Methyl methacrylate	9.30	41	169948	55.088	ug/l	97
49) 1,4-Dioxane	9.30	88	37183	1063.488	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	979127	272.980	ug/l	99
52) Toluene	10.24	92	607081	52.106	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	368532	54.289	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	421312	53.866	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	201519	51.623	ug/l	98
56) Ethyl methacrylate	10.51	69	287504	54.172	ug/l	97
57) 1,3-Dichloropropane	10.79	76	350774	52.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	718614	265.497	ug/l	98
59) 2-Hexanone	10.83	43	691076	276.005	ug/l	100
60) Dibromochloromethane	10.99	129	259464	52.845	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193701	50.275	ug/l	99
64) Tetrachloroethene	10.72	164	276318	47.154	ug/l	99
65) Chlorobenzene	11.52	112	677747	53.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	266383	54.172	ug/l	99
67) Ethyl Benzene	11.59	91	1213643	53.688	ug/l	99
68) m/p-Xylenes	11.70	106	917832	107.008	ug/l	99
69) o-Xylene	12.03	106	433654	54.119	ug/l	99
70) Styrene	12.05	104	754049	55.010	ug/l	99
71) Bromoform	12.20	173	176502	54.689	ug/l	100
73) Isopropylbenzene	12.33	105	1201696	53.434	ug/l	99
74) N-amyl acetate	12.14	43	345130	54.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	239365	55.109	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	169998m	54.421	ug/l	
77) Bromobenzene	12.61	156	301027	52.512	ug/l	99
78) n-propylbenzene	12.67	91	1420786	53.596	ug/l	100
79) 2-Chlorotoluene	12.75	91	791094	53.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	999211	53.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85798	53.454	ug/l	96
82) 4-Chlorotoluene	12.85	91	826456	53.535	ug/l	100
83) tert-Butylbenzene	13.08	119	894899	54.109	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1009364	53.521	ug/l	99
85) sec-Butylbenzene	13.25	105	1226403	53.952	ug/l	99
86) p-Isopropyltoluene	13.37	119	1133310	53.396	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	581667	53.657	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	567776	52.902	ug/l	99
89) n-Butylbenzene	13.70	91	1079166	54.055	ug/l	100
90) Hexachloroethane	13.96	117	221684	57.354	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	505331	53.118	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36122	51.297	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	361721	53.447	ug/l	100
94) Hexachlorobutadiene	15.11	225	235648	50.815	ug/l	99
95) Naphthalene	15.23	128	602444	53.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	286910	53.629	ug/l	98

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

