

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002890.D
 Acq On : 11 Jun 2020 15:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 16:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	391607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	369570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202167	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	116604	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	7.72	113	118182	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.18	98	461060	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.48	95	163929	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	78684	43.232	ug/l	98
3) Chloromethane	2.12	50	89096	44.257	ug/l	98
4) Vinyl Chloride	2.26	62	101925	47.901	ug/l	96
5) Bromomethane	2.65	94	73624	46.172	ug/l	98
6) Chloroethane	2.80	64	64266	46.591	ug/l	100
7) Trichlorofluoromethane	3.13	101	176923	46.947	ug/l	97
8) Diethyl Ether	3.54	74	68481	46.538	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109242	48.822	ug/l	99
10) Methyl Iodide	4.10	142	145395	46.439	ug/l	100
11) Tert butyl alcohol	4.97	59	58844	237.761	ug/l	99
12) 1,1-Dichloroethene	3.88	96	107292	47.681	ug/l	99
13) Acrolein	3.74	56	60232	223.793	ug/l	100
14) Allyl chloride	4.49	41	158270	49.041	ug/l	100
15) Acrylonitrile	5.18	53	171699	258.643	ug/l	99
16) Acetone	3.96	43	136457	253.385	ug/l	99
17) Carbon Disulfide	4.20	76	290299	42.693	ug/l	99
18) Methyl Acetate	4.49	43	71665	53.093	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	314471	50.623	ug/l	99
20) Methylene Chloride	4.72	84	129721	49.290	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	119007	47.028	ug/l	98
22) Diisopropyl ether	6.13	45	338578	50.485	ug/l	97
23) Vinyl Acetate	6.07	43	1144437	258.466	ug/l	99
24) 1,1-Dichloroethane	6.03	63	196922	50.195	ug/l	99
25) 2-Butanone	7.00	43	209038	249.139	ug/l	100
26) 2,2-Dichloropropane	6.99	77	180424	47.953	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	139508	49.246	ug/l	99
28) Bromochloromethane	7.34	49	81651	50.699	ug/l	99
29) Tetrahydrofuran	7.35	42	138535	253.837	ug/l	99
30) Chloroform	7.52	83	211825	50.883	ug/l	98
31) Cyclohexane	7.79	56	169515	43.520	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	190537	49.116	ug/l	100
36) 1,1-Dichloropropene	7.93	75	156843	47.546	ug/l	99
37) Ethyl Acetate	7.08	43	91682	51.082	ug/l	99
38) Carbon Tetrachloride	7.91	117	178085	48.596	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	196974	45.301	ug/l	98
40) Benzene	8.16	78	474982	48.730	ug/l	100
41) Methacrylonitrile	7.33	41	49793m	51.641	ug/l	
42) 1,2-Dichloroethane	8.24	62	135070	49.445	ug/l	100
43) Isopropyl Acetate	8.28	43	172769	50.797	ug/l	100
44) Trichloroethene	8.94	130	146954	47.730	ug/l	100
45) 1,2-Dichloropropane	9.22	63	117312	50.187	ug/l	99
46) Dibromomethane	9.31	93	69490	50.057	ug/l	100
47) Bromodichloromethane	9.50	83	168171	51.387	ug/l	96
48) Methyl methacrylate	9.30	41	77642	50.569	ug/l	99
49) 1,4-Dioxane	9.30	88	20984	984.445	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	467976	259.843	ug/l	100
52) Toluene	10.25	92	310826	48.746	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	182001	50.916	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	204628	50.520	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	107966	50.800	ug/l	94
56) Ethyl methacrylate	10.51	69	145152	50.990	ug/l	99
57) 1,3-Dichloropropane	10.79	76	176747	50.562	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	370692	266.502	ug/l	100
59) 2-Hexanone	10.83	43	334217	261.546	ug/l	100
60) Dibromochloromethane	10.99	129	137599	51.067	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104287	49.743	ug/l	99
64) Tetrachloroethene	10.72	164	154288	45.935	ug/l	98
65) Chlorobenzene	11.52	112	356566	48.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	138022	50.171	ug/l	100
67) Ethyl Benzene	11.59	91	609585	48.138	ug/l	100
68) m/p-Xylenes	11.70	106	475567	96.861	ug/l	100
69) o-Xylene	12.03	106	228821	49.368	ug/l	99
70) Styrene	12.05	104	400890	49.893	ug/l	99
71) Bromoform	12.20	173	94474	51.322	ug/l #	100
73) Isopropylbenzene	12.33	105	621677	47.985	ug/l	100
74) N-amyl acetate	12.14	43	165371	49.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	117796	51.821	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	94390m	51.815	ug/l	
77) Bromobenzene	12.61	156	161708	47.935	ug/l	99
78) n-propylbenzene	12.67	91	718394	48.004	ug/l	100
79) 2-Chlorotoluene	12.75	91	400143	47.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	521872	48.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47076	48.687	ug/l	96
82) 4-Chlorotoluene	12.86	91	422332	48.018	ug/l	100
83) tert-Butylbenzene	13.08	119	465816	48.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	524722	48.242	ug/l	100
85) sec-Butylbenzene	13.25	105	636210	48.221	ug/l	100
86) p-Isopropyltoluene	13.37	119	593354	48.332	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	308633	48.299	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	307371	48.085	ug/l	100
89) n-Butylbenzene	13.70	91	536037	48.093	ug/l	99
90) Hexachloroethane	13.96	117	112695	49.034	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	280133	48.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22412	51.247	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.01	180	209916	48.057	ug/l	100
94) Hexachlorobutadiene	15.11	225	119840	48.372	ug/l	99
95) Naphthalene	15.23	128	427599	48.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	188022	48.203	ug/l	98

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

