

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002710.D
 Acq On : 18 May 2020 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 19 01:35:59 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	386169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	573768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	520530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	268132	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	148125	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	7.72	113	160655	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.18	98	640503	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.48	95	216052	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	127824	46.193	ug/l	99
3) Chloromethane	2.12	50	148040	46.713	ug/l	100
4) Vinyl Chloride	2.26	62	158852	48.104	ug/l	100
5) Bromomethane	2.65	94	116038	47.410	ug/l	98
6) Chloroethane	2.80	64	98940	46.852	ug/l	99
7) Trichlorofluoromethane	3.13	101	255764	45.958	ug/l	96
8) Diethyl Ether	3.54	74	88880	46.948	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	158269	46.915	ug/l	99
10) Methyl Iodide	4.10	142	220416	47.468	ug/l	99
11) Tert butyl alcohol	4.96	59	61804	201.469	ug/l	99
12) 1,1-Dichloroethene	3.88	96	159508	47.091	ug/l	100
13) Acrolein	3.74	56	90240	250.803	ug/l	97
14) Allyl chloride	4.49	41	234783	48.281	ug/l	99
15) Acrylonitrile	5.17	53	196098	228.760	ug/l	99
16) Acetone	3.95	43	139325	223.746	ug/l	100
17) Carbon Disulfide	4.20	76	498978	46.963	ug/l	99
18) Methyl Acetate	4.49	43	81127	45.694	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	395205	47.038	ug/l	99
20) Methylene Chloride	4.72	84	171390	45.533	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	180069	47.808	ug/l	95
22) Diisopropyl ether	6.13	45	469833	48.698	ug/l	97
23) Vinyl Acetate	6.07	43	1476646	239.025	ug/l	99
24) 1,1-Dichloroethane	6.03	63	281533	48.834	ug/l	100
25) 2-Butanone	6.99	43	229517	222.773	ug/l	99
26) 2,2-Dichloropropane	6.99	77	248350	46.299	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	193161	47.462	ug/l	99
28) Bromochloromethane	7.34	49	106987	46.911	ug/l	99
29) Tetrahydrofuran	7.35	42	157770	225.067	ug/l	99
30) Chloroform	7.51	83	285259	47.675	ug/l	97
31) Cyclohexane	7.79	56	259079	44.308	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	261162	47.237	ug/l	100
36) 1,1-Dichloropropene	7.93	75	228588	47.061	ug/l	99
37) Ethyl Acetate	7.08	43	106701	44.663	ug/l	99
38) Carbon Tetrachloride	7.90	117	244683	46.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	300754	46.050	ug/l	99
40) Benzene	8.16	78	670154	47.286	ug/l	98
41) Methacrylonitrile	7.33	41	71180m	49.592	ug/l	
42) 1,2-Dichloroethane	8.24	62	170482	45.609	ug/l	98
43) Isopropyl Acetate	8.28	43	207304	46.692	ug/l	99
44) Trichloroethene	8.94	130	213077	47.167	ug/l	96
45) 1,2-Dichloropropane	9.22	63	161671	48.065	ug/l	98
46) Dibromomethane	9.31	93	89520	47.371	ug/l	99
47) Bromodichloromethane	9.50	83	218840	47.449	ug/l	97
48) Methyl methacrylate	9.30	41	92899	45.444	ug/l	98
49) 1,4-Dioxane	9.30	88	22524	875.127	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	527846	230.272	ug/l	99
52) Toluene	10.24	92	428727	46.745	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	232371	47.204	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	272038	47.669	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131411	46.708	ug/l	97
56) Ethyl methacrylate	10.51	69	177282	47.332	ug/l	99
57) 1,3-Dichloropropane	10.79	76	220185	46.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446868	241.675	ug/l	100
59) 2-Hexanone	10.83	43	364169	228.029	ug/l	99
60) Dibromochloromethane	10.99	129	169180	47.069	ug/l	99
61) 1,2-Dibromoethane	11.09	107	129880	46.856	ug/l	99
64) Tetrachloroethene	10.72	164	236310	47.819	ug/l	99
65) Chlorobenzene	11.52	112	475177	47.241	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	177584	47.570	ug/l	99
67) Ethyl Benzene	11.59	91	833435	47.191	ug/l	98
68) m/p-Xylenes	11.70	106	646014	94.020	ug/l	100
69) o-Xylene	12.03	106	306338	47.502	ug/l	98
70) Styrene	12.04	104	527189	47.613	ug/l	99
71) Bromoform	12.21	173	107277	46.489	ug/l	99
73) Isopropylbenzene	12.33	105	831776	47.475	ug/l	100
74) N-amyl acetate	12.14	43	194092	47.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	118100	45.775	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	103398m	46.943	ug/l	
77) Bromobenzene	12.61	156	207052	47.270	ug/l	99
78) n-propylbenzene	12.67	91	965088	47.351	ug/l	100
79) 2-Chlorotoluene	12.75	91	532919	47.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	691253	46.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53232	45.706	ug/l #	79
82) 4-Chlorotoluene	12.85	91	557029	47.042	ug/l	99
83) tert-Butylbenzene	13.08	119	611700	46.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	691970	47.032	ug/l	100
85) sec-Butylbenzene	13.25	105	841497	46.806	ug/l	100
86) p-Isopropyltoluene	13.37	119	788893	46.879	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392564	46.483	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	390246	46.413	ug/l	99
89) n-Butylbenzene	13.70	91	718967	46.523	ug/l	99
90) Hexachloroethane	13.96	117	147051	47.178	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	349507	46.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21972	44.410	ug/l	100

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93) 1,2,4-Trichlorobenzene	15.01	180	252530	46.017	ug/l	99
94) Hexachlorobutadiene	15.11	225	155145	47.430	ug/l	99
95) Naphthalene	15.23	128	445346	42.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211205	45.123	ug/l	100

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

