

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002802.D
 Acq On : 01 Jun 2020 11:39
 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: Jun 01 18:16:04 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	291793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	422965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	219672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122566	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.72	113	122775	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.18	98	495675	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.48	95	171203	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	98890	49.254	ug/l	96
3) Chloromethane	2.12	50	108335	48.782	ug/l	99
4) Vinyl Chloride	2.25	62	119525	50.920	ug/l	99
5) Bromomethane	2.66	94	85027	48.337	ug/l	100
6) Chloroethane	2.80	64	73629	48.387	ug/l	98
7) Trichlorofluoromethane	3.13	101	199243	47.926	ug/l	99
8) Diethyl Ether	3.54	74	69286	42.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	121699	49.304	ug/l	99
10) Methyl Iodide	4.10	142	168279	48.722	ug/l	99
11) Tert butyl alcohol	4.97	59	65518	240.098	ug/l	100
12) 1,1-Dichloroethene	3.88	96	118781	47.850	ug/l	98
13) Acrolein	3.74	56	84993	286.262	ug/l	99
14) Allyl chloride	4.49	41	166715	46.827	ug/l	98
15) Acrylonitrile	5.18	53	174229	237.911	ug/l	100
16) Acetone	3.96	43	180419	303.689	ug/l	99
17) Carbon Disulfide	4.20	76	344828	45.970	ug/l	99
18) Methyl Acetate	4.49	43	69647	46.656	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	326943	47.709	ug/l	99
20) Methylene Chloride	4.72	84	132505	45.640	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	131896	47.247	ug/l	99
22) Diisopropyl ether	6.13	45	346353	46.815	ug/l	93
23) Vinyl Acetate	6.07	43	1181023	241.786	ug/l	99
24) 1,1-Dichloroethane	6.03	63	205290	47.435	ug/l	99
25) 2-Butanone	7.00	43	232821	251.537	ug/l	99
26) 2,2-Dichloropropane	6.99	77	198880	47.915	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	146905	47.008	ug/l	100
28) Bromochloromethane	7.35	49	85710	48.243	ug/l	98
29) Tetrahydrofuran	7.36	42	142189	236.169	ug/l	99
30) Chloroform	7.52	83	221896	48.317	ug/l	95
31) Cyclohexane	7.79	56	195040	45.390	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	207248	48.428	ug/l	99
36) 1,1-Dichloropropene	7.92	75	175323	49.207	ug/l	99
37) Ethyl Acetate	7.08	43	92016	47.467	ug/l	98
38) Carbon Tetrachloride	7.91	117	199379	50.373	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230567	49.095	ug/l	99
40) Benzene	8.17	78	511637	48.599	ug/l	99
41) Methacrylonitrile	7.33	41	56791m	54.532	ug/l	
42) 1,2-Dichloroethane	8.24	62	142633	48.343	ug/l	100
43) Isopropyl Acetate	8.28	43	178465	48.582	ug/l	99
44) Trichloroethene	8.94	130	159824	48.061	ug/l	99
45) 1,2-Dichloropropane	9.22	63	120523	47.738	ug/l	99
46) Dibromomethane	9.31	93	73613	49.096	ug/l	98
47) Bromodichloromethane	9.50	83	175312	49.597	ug/l	100
48) Methyl methacrylate	9.30	41	81108	48.910	ug/l	99
49) 1,4-Dioxane	9.30	88	21054	914.501	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	480550	247.043	ug/l	100
52) Toluene	10.25	92	338307	49.122	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	192724	49.918	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	214448	49.020	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	111565	48.602	ug/l	97
56) Ethyl methacrylate	10.51	69	152656	49.651	ug/l	99
57) 1,3-Dichloropropane	10.79	76	182907	48.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	379175	252.390	ug/l	99
59) 2-Hexanone	10.83	43	357149	258.771	ug/l	100
60) Dibromochloromethane	10.99	129	145712	50.068	ug/l	100
61) 1,2-Dibromoethane	11.09	107	110770	48.918	ug/l	100
64) Tetrachloroethene	10.72	164	174310	48.450	ug/l	97
65) Chlorobenzene	11.52	112	381419	48.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	144319	48.976	ug/l	99
67) Ethyl Benzene	11.59	91	667565	49.216	ug/l	100
68) m/p-Xylenes	11.70	106	521478	99.160	ug/l	100
69) o-Xylene	12.03	106	245790	49.508	ug/l	99
70) Styrene	12.05	104	431653	50.155	ug/l	100
71) Bromoform	12.21	173	99118	50.270	ug/l	100
73) Isopropylbenzene	12.33	105	674199	47.892	ug/l	99
74) N-amyl acetate	12.14	43	173238	47.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	119812	48.507	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	102062m	51.562	ug/l	
77) Bromobenzene	12.61	156	174390	47.575	ug/l	98
78) n-propylbenzene	12.67	91	795421	48.915	ug/l	100
79) 2-Chlorotoluene	12.76	91	436168	47.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	571299	48.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	50587	48.149	ug/l	93
82) 4-Chlorotoluene	12.86	91	464790	48.634	ug/l	100
83) tert-Butylbenzene	13.08	119	504274	48.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	575385	48.684	ug/l	100
85) sec-Butylbenzene	13.25	105	700084	48.834	ug/l	100
86) p-Isopropyltoluene	13.37	119	656380	49.206	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	334890	48.232	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	333135	47.963	ug/l	100
89) n-Butylbenzene	13.70	91	594291	49.071	ug/l	99
90) Hexachloroethane	13.96	117	121711	48.737	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	302552	48.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23205	48.832	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	228644	48.173	ug/l	99
94) Hexachlorobutadiene	15.11	225	132399	49.182	ug/l	100
95) Naphthalene	15.24	128	459970	48.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	202548	47.789	ug/l	100

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

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