

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002892.D
 Acq On : 15 Jun 2020 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:22:39 PM

Quant Time: Jun 16 02:07:09 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	280904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	406720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	118712	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.72	113	124181	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.18	98	477774	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.48	95	170056	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	86775	44.895	ug/l	100
3) Chloromethane	2.12	50	95505	44.672	ug/l	97
4) Vinyl Chloride	2.26	62	108013	47.799	ug/l	99
5) Bromomethane	2.66	94	74784	44.162	ug/l	97
6) Chloroethane	2.80	64	66841	45.629	ug/l	95
7) Trichlorofluoromethane	3.13	101	188701	47.150	ug/l	98
8) Diethyl Ether	3.54	74	67696	43.319	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	113523	47.774	ug/l	98
10) Methyl Iodide	4.10	142	154460	46.454	ug/l	98
11) Tert butyl alcohol	4.98	59	56376	213.176	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	110180	46.106	ug/l	97
13) Acrolein	3.74	56	55816	195.280	ug/l	99
14) Allyl chloride	4.49	41	158426	46.224	ug/l	97
15) Acrylonitrile	5.18	53	163328	231.671	ug/l	99
16) Acetone	3.96	43	168208	294.110	ug/l	100
17) Carbon Disulfide	4.20	76	297184	41.154	ug/l	98
18) Methyl Acetate	4.49	43	67960	47.304	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	317073	48.062	ug/l	99
20) Methylene Chloride	4.72	84	127059	45.460	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	122089	45.429	ug/l	97
22) Diisopropyl ether	6.13	45	335640	47.126	ug/l	96
23) Vinyl Acetate	6.07	43	1121226	238.442	ug/l	100
24) 1,1-Dichloroethane	6.03	63	198149	47.559	ug/l	99
25) 2-Butanone	7.00	43	219608	246.459	ug/l	98
26) 2,2-Dichloropropane	6.99	77	190246	47.612	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	140109	46.571	ug/l	98
28) Bromochloromethane	7.34	49	83450	48.791	ug/l	96
29) Tetrahydrofuran	7.35	42	129867	224.065	ug/l	97
30) Chloroform	7.52	83	213989	48.402	ug/l	95
31) Cyclohexane	7.78	56	176809	42.742	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	199248	48.363	ug/l	99
36) 1,1-Dichloropropene	7.93	75	159637	46.594	ug/l	99
37) Ethyl Acetate	7.08	43	88165	47.297	ug/l	98
38) Carbon Tetrachloride	7.91	117	188509	49.529	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	207905	46.038	ug/l	97
40) Benzene	8.16	78	481346	47.548	ug/l	100
41) Methacrylonitrile	7.32	41	45594m	45.529	ug/l	
42) 1,2-Dichloroethane	8.24	62	135317	47.695	ug/l	99
43) Isopropyl Acetate	8.28	43	167672	47.467	ug/l	99
44) Trichloroethene	8.94	130	151162	47.272	ug/l	98
45) 1,2-Dichloropropane	9.22	63	116321	47.914	ug/l	99
46) Dibromomethane	9.31	93	69318	48.078	ug/l	100
47) Bromodichloromethane	9.50	83	169405	49.840	ug/l	99
48) Methyl methacrylate	9.30	41	75307	47.225	ug/l	99
49) 1,4-Dioxane	9.31	88	19467	879.341	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	447962	239.488	ug/l	99
52) Toluene	10.24	92	319646	48.266	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	184170	49.608	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	205255	48.792	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	107762	48.820	ug/l	95
56) Ethyl methacrylate	10.51	69	145662	49.268	ug/l	99
57) 1,3-Dichloropropane	10.79	76	173084	47.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	378091	261.721	ug/l	99
59) 2-Hexanone	10.83	43	331656	249.898	ug/l	99
60) Dibromochloromethane	10.99	129	141052	50.403	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104591	48.034	ug/l	100
64) Tetrachloroethene	10.72	164	157987	46.039	ug/l	98
65) Chlorobenzene	11.52	112	361176	48.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	140820	50.103	ug/l	99
67) Ethyl Benzene	11.60	91	628315	48.565	ug/l	98
68) m/p-Xylenes	11.70	106	489440	97.574	ug/l	100
69) o-Xylene	12.03	106	231070	48.796	ug/l	99
70) Styrene	12.04	104	406075	49.467	ug/l	99
71) Bromoform	12.20	173	95016	50.523	ug/l #	100
73) Isopropylbenzene	12.33	105	638391	47.919	ug/l	100
74) N-amyl acetate	12.14	43	161347	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	116328	49.767	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	88942m	47.482	ug/l	
77) Bromobenzene	12.61	156	166219	47.917	ug/l	98
78) n-propylbenzene	12.67	91	744260	48.364	ug/l	100
79) 2-Chlorotoluene	12.75	91	412246	47.756	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	538590	48.419	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48039	48.316	ug/l	98
82) 4-Chlorotoluene	12.85	91	432991	47.875	ug/l	100
83) tert-Butylbenzene	13.08	119	482330	48.611	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	539351	48.222	ug/l	99
85) sec-Butylbenzene	13.25	105	656672	48.403	ug/l	100
86) p-Isopropyltoluene	13.37	119	613089	48.566	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	315546	48.022	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	314640	47.868	ug/l	100
89) n-Butylbenzene	13.69	91	557617	48.653	ug/l	100
90) Hexachloroethane	13.96	117	115655	48.938	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	287800	48.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21469	47.740	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	213252	47.477	ug/l	99
94) Hexachlorobutadiene	15.11	225	125972	49.448	ug/l	99
95) Naphthalene	15.23	128	420873	46.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190931	47.602	ug/l	98

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

