

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003516.D
 Acq On : 05 Nov 2020 10:31
 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
 11/6/2020 9:27:03 AM

Quant Time: Nov 05 23:55:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	359762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	119087	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.72	113	105183	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.18	98	431671	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.48	95	145740	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	90919	45.167	ug/l	100
3) Chloromethane	2.12	50	123487	46.599	ug/l	99
4) Vinyl Chloride	2.26	62	138036	46.404	ug/l	100
5) Bromomethane	2.66	94	101575	40.870	ug/l	99
6) Chloroethane	2.80	64	86053	48.536	ug/l	99
7) Trichlorofluoromethane	3.13	101	180623	47.838	ug/l	99
8) Diethyl Ether	3.54	74	56819	49.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103592	49.640	ug/l	100
10) Methyl Iodide	4.10	142	106735	49.846	ug/l	99
11) Tert butyl alcohol	4.97	59	55495	210.882	ug/l	99
12) 1,1-Dichloroethene	3.88	96	100592	48.447	ug/l	98
13) Acrolein	3.74	56	37475	173.132	ug/l	98
14) Allyl chloride	4.49	41	178064	47.006	ug/l	99
15) Acrylonitrile	5.18	53	137355	222.237	ug/l	99
16) Acetone	3.96	43	208802	242.678	ug/l	99
17) Carbon Disulfide	4.20	76	316123	46.997	ug/l	100
18) Methyl Acetate	4.49	43	71468	43.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	252370	49.074	ug/l	99
20) Methylene Chloride	4.72	84	110319	45.528	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	115646	48.101	ug/l	97
22) Diisopropyl ether	6.13	45	330353	49.721	ug/l	98
23) Vinyl Acetate	6.07	43	1192151	238.772	ug/l	100
24) 1,1-Dichloroethane	6.03	63	205217	48.605	ug/l	100
25) 2-Butanone	6.99	43	247517	230.009	ug/l	100
26) 2,2-Dichloropropane	6.99	77	190242	48.366	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	127859	49.079	ug/l	100
28) Bromochloromethane	7.34	49	100272	47.209	ug/l	100
29) Tetrahydrofuran	7.35	42	123828	220.214	ug/l	99
30) Chloroform	7.51	83	205450	49.543	ug/l	100
31) Cyclohexane	7.79	56	179339	45.875	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	189434	48.966	ug/l	100
36) 1,1-Dichloropropene	7.92	75	167560	49.399	ug/l	100
37) Ethyl Acetate	7.08	43	92109	43.731	ug/l	99
38) Carbon Tetrachloride	7.91	117	174451	49.575	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	184813	48.932	ug/l	99
40) Benzene	8.16	78	461774	48.919	ug/l	100
41) Methacrylonitrile	7.32	41	47602m	42.322	ug/l	
42) 1,2-Dichloroethane	8.24	62	141160	47.725	ug/l	100
43) Isopropyl Acetate	8.28	43	172055	45.453	ug/l	98
44) Trichloroethene	8.94	130	132268	49.912	ug/l	96
45) 1,2-Dichloropropane	9.22	63	119537	50.145	ug/l	100
46) Dibromomethane	9.31	93	63636	48.522	ug/l	98
47) Bromodichloromethane	9.50	83	160143	49.889	ug/l	99
48) Methyl methacrylate	9.29	41	82139	46.064	ug/l	97
49) 1,4-Dioxane	9.30	88	14558	889.628	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	464201	230.163	ug/l	100
52) Toluene	10.24	92	295203	50.000	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168088	49.205	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	194286	50.542	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	91718	49.265	ug/l	97
56) Ethyl methacrylate	10.51	69	123724	49.616	ug/l	99
57) 1,3-Dichloropropane	10.79	76	161694	49.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	305836	241.933	ug/l	99
59) 2-Hexanone	10.83	43	355394	237.996	ug/l	99
60) Dibromochloromethane	10.99	129	116252	50.805	ug/l	100
61) 1,2-Dibromoethane	11.09	107	87849	48.877	ug/l	98
64) Tetrachloroethene	10.72	164	122658	49.793	ug/l	97
65) Chlorobenzene	11.52	112	319596	49.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	121601	50.317	ug/l	99
67) Ethyl Benzene	11.59	91	579910	49.907	ug/l	99
68) m/p-Xylenes	11.70	106	444744	101.000	ug/l	98
69) o-Xylene	12.03	106	206350	50.943	ug/l	100
70) Styrene	12.04	104	353718	51.430	ug/l	99
71) Bromoform	12.20	173	78917	48.991	ug/l	99
73) Isopropylbenzene	12.33	105	567218	48.533	ug/l	100
74) N-amyl acetate	12.14	43	153607	46.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115612	46.312	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	93737m	49.516	ug/l	
77) Bromobenzene	12.61	156	144375	48.620	ug/l	99
78) n-propylbenzene	12.67	91	680300	49.418	ug/l	99
79) 2-Chlorotoluene	12.75	91	374592	48.704	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	483775	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41422	45.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	391747	48.740	ug/l	99
83) tert-Butylbenzene	13.07	119	416885	48.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	485268	50.141	ug/l	99
85) sec-Butylbenzene	13.25	105	585841	50.379	ug/l	100
86) p-Isopropyltoluene	13.37	119	546398	50.665	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	278580	50.361	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	273748	49.767	ug/l	100
89) n-Butylbenzene	13.69	91	504774	51.244	ug/l	100
90) Hexachloroethane	13.96	117	91017	50.147	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	244461	49.748	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19907	44.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	177391	51.034	ug/l	99
94) Hexachlorobutadiene	15.11	225	112504	50.314	ug/l	99
95) Naphthalene	15.23	128	333227	47.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	158050	50.549	ug/l	99

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

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