

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003115.D
 Acq On : 06 Jul 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:06 AM

Quant Time: Jul 07 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	626012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	308810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	209400	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
35) Dibromofluoromethane	7.72	113	203931	52.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.44%	
50) Toluene-d8	10.18	98	734343	50.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	262488	51.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	141442	43.322	ug/l	97
3) Chloromethane	2.12	50	205838	43.053	ug/l	99
4) Vinyl Chloride	2.26	62	211914	45.440	ug/l	98
5) Bromomethane	2.65	94	147167	46.477	ug/l	97
6) Chloroethane	2.80	64	146905	49.517	ug/l	98
7) Trichlorofluoromethane	3.13	101	313938	47.694	ug/l	98
8) Diethyl Ether	3.54	74	112238	49.739	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	191414	48.703	ug/l	99
10) Methyl Iodide	4.10	142	250173	51.333	ug/l	99
11) Tert butyl alcohol	4.98	59	102542	234.994	ug/l	100
12) 1,1-Dichloroethene	3.88	96	184217	49.262	ug/l	91
13) Acrolein	3.74	56	71504	182.448	ug/l	99
14) Allyl chloride	4.49	41	269566	41.287	ug/l	95
15) Acrylonitrile	5.18	53	280757	241.412	ug/l	100
16) Acetone	3.96	43	212860	210.786	ug/l	100
17) Carbon Disulfide	4.20	76	528947	44.271	ug/l	99
18) Methyl Acetate	4.49	43	124683	45.828	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	551788	50.621	ug/l	99
20) Methylene Chloride	4.72	84	219404	48.476	ug/l	88
21) trans-1,2-Dichloroethene	5.22	96	208424	49.274	ug/l	89
22) Diisopropyl ether	6.13	45	631256	45.110	ug/l	98
23) Vinyl Acetate	6.07	43	2177157	232.706	ug/l	97
24) 1,1-Dichloroethane	6.03	63	356946	46.695	ug/l	98
25) 2-Butanone	7.00	43	362133	225.749	ug/l	98
26) 2,2-Dichloropropane	6.99	77	319293	45.973	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	236715	49.894	ug/l	93
28) Bromochloromethane	7.34	49	164046	48.231	ug/l	# 83
29) Tetrahydrofuran	7.35	42	251947	236.180	ug/l	90
30) Chloroform	7.52	83	375728	49.614	ug/l	97
31) Cyclohexane	7.79	56	312906	41.551	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	331443	47.948	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284020	47.101	ug/l	98
37) Ethyl Acetate	7.08	43	174987	48.265	ug/l	96
38) Carbon Tetrachloride	7.91	117	302785	48.262	ug/l	99

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39) Methylcyclohexane	9.19	83	352889	47.201	ug/l	97
40) Benzene	8.16	78	805608	48.800	ug/l	98
41) Methacrylonitrile	7.33	41	102442m	52.895	ug/l	
42) 1,2-Dichloroethane	8.24	62	256739	49.160	ug/l	100
43) Isopropyl Acetate	8.28	43	330288	47.921	ug/l	95
44) Trichloroethene	8.94	130	252527	52.629	ug/l	99
45) 1,2-Dichloropropane	9.22	63	208375	46.917	ug/l	96
46) Dibromomethane	9.31	93	129319	52.133	ug/l	97
47) Bromodichloromethane	9.50	83	303212	49.919	ug/l	98
48) Methyl methacrylate	9.30	41	149978	47.806	ug/l	92
49) 1,4-Dioxane	9.30	88	33459	1104.965	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	883987	248.146	ug/l	96
52) Toluene	10.24	92	516287	49.680	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	321126	50.426	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	358515	49.226	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	185339	53.768	ug/l	96
56) Ethyl methacrylate	10.51	69	262543	52.617	ug/l	95
57) 1,3-Dichloropropane	10.79	76	311640	51.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	674915	263.732	ug/l	95
59) 2-Hexanone	10.83	43	618534	248.410	ug/l	97
60) Dibromochloromethane	10.99	129	236304	53.568	ug/l	99
61) 1,2-Dibromoethane	11.09	107	184289	54.230	ug/l	99
64) Tetrachloroethene	10.72	164	277812	56.592	ug/l	99
65) Chlorobenzene	11.52	112	581318	50.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	228095	51.082	ug/l	99
67) Ethyl Benzene	11.59	91	1035611	49.495	ug/l	99
68) m/p-Xylenes	11.70	106	779052	100.042	ug/l	99
69) o-Xylene	12.03	106	371701	50.653	ug/l	96
70) Styrene	12.04	104	648045	51.693	ug/l	99
71) Bromoform	12.20	173	165233	55.495	ug/l	97
73) Isopropylbenzene	12.33	105	1013195	50.133	ug/l	99
74) N-amyl acetate	12.14	43	316174	48.055	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	204617	50.169	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	158398m	51.827	ug/l	
77) Bromobenzene	12.61	156	267418	51.606	ug/l	96
78) n-propylbenzene	12.67	91	1188531	48.899	ug/l	99
79) 2-Chlorotoluene	12.75	91	670430	49.417	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	845024	49.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	81641	51.972	ug/l #	80
82) 4-Chlorotoluene	12.85	91	696571	49.314	ug/l	98
83) tert-Butylbenzene	13.07	119	743229	49.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	853545	49.947	ug/l	98
85) sec-Butylbenzene	13.25	105	1022047	49.793	ug/l	100
86) p-Isopropyltoluene	13.37	119	950857	49.994	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	493447	51.005	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	489719	51.335	ug/l	99
89) n-Butylbenzene	13.69	91	889221	48.865	ug/l	99
90) Hexachloroethane	13.96	117	172238	45.605	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	448971	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37226	51.560	ug/l	88

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93) 1,2,4-Trichlorobenzene	15.00	180	328755	50.971	ug/l	99
94) Hexachlorobutadiene	15.11	225	198688	48.838	ug/l	99
95) Naphthalene	15.23	128	640069	54.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	283918	50.694	ug/l	100

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

