

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003179.D
 Acq On : 13 Jul 2020 12:02
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:37:16 AM

Quant Time: Jul 14 04:05:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	522656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	753200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	695053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	368433	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	201117	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	7.72	113	196723	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	10.18	98	718945	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.48	95	259642	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	83130	22.191	ug/l	96
3) Chloromethane	2.12	50	113259	21.797	ug/l	98
4) Vinyl Chloride	2.26	62	108374	20.328	ug/l	97
5) Bromomethane	2.65	94	82498	20.834	ug/l	99
6) Chloroethane	2.79	64	69642	19.889	ug/l	100
7) Trichlorofluoromethane	3.13	101	153043	20.101	ug/l	96
8) Diethyl Ether	3.54	74	50609	19.837	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	93503	20.335	ug/l	99
10) Methyl Iodide	4.10	142	92452	18.506	ug/l	100
11) Tert butyl alcohol	4.96	59	47788	100.182	ug/l	98
12) 1,1-Dichloroethene	3.88	96	85821	19.733	ug/l	96
13) Acrolein	3.74	56	42006	101.456	ug/l	98
14) Allyl chloride	4.48	41	135318	20.968	ug/l	98
15) Acrylonitrile	5.17	53	120544	98.361	ug/l	98
16) Acetone	3.96	43	95641	97.060	ug/l	95
17) Carbon Disulfide	4.20	76	274558	20.573	ug/l	99
18) Methyl Acetate	4.48	43	54145	19.786	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	242540	19.900	ug/l	98
20) Methylene Chloride	4.72	84	107836	18.263	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	95972	19.510	ug/l	96
22) Diisopropyl ether	6.13	45	294428	20.557	ug/l	97
23) Vinyl Acetate	6.07	43	956267	100.170	ug/l	99
24) 1,1-Dichloroethane	6.03	63	168115	20.260	ug/l	100
25) 2-Butanone	6.99	43	156934	96.999	ug/l	98
26) 2,2-Dichloropropane	6.99	77	151309	20.248	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	108131	19.965	ug/l	98
28) Bromochloromethane	7.34	49	73934	20.580	ug/l	98
29) Tetrahydrofuran	7.35	42	106492	97.980	ug/l	100
30) Chloroform	7.51	83	169792	19.867	ug/l	99
31) Cyclohexane	7.78	56	161156	20.085	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	154927	20.137	ug/l	99
36) 1,1-Dichloropropene	7.92	75	133659	19.579	ug/l	98
37) Ethyl Acetate	7.08	43	73429	19.974	ug/l	100
38) Carbon Tetrachloride	7.91	117	140118	19.882	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	169565	19.773	ug/l	97
40) Benzene	8.16	78	379436	20.186	ug/l	99
41) Methacrylonitrile	7.33	41	46655m	21.072	ug/l	
42) 1,2-Dichloroethane	8.24	62	115794	20.010	ug/l	99
43) Isopropyl Acetate	8.28	43	138670	19.487	ug/l	99
44) Trichloroethene	8.94	130	114783	19.920	ug/l	97
45) 1,2-Dichloropropane	9.22	63	97950	20.139	ug/l	95
46) Dibromomethane	9.31	93	55272	19.457	ug/l	98
47) Bromodichloromethane	9.50	83	136095	20.144	ug/l	99
48) Methyl methacrylate	9.30	41	62479	19.640	ug/l	98
49) 1,4-Dioxane	9.30	88	14253	395.331	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	362455	97.997	ug/l	100
52) Toluene	10.24	92	243277	20.249	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	142292	20.327	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	163044	20.215	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	79867	19.841	ug/l	96
56) Ethyl methacrylate	10.51	69	107461	19.636	ug/l	96
57) 1,3-Dichloropropane	10.79	76	135509	19.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	278729	99.865	ug/l	99
59) 2-Hexanone	10.83	43	251162	97.277	ug/l	100
60) Dibromochloromethane	10.99	129	100643	19.878	ug/l	100
61) 1,2-Dibromoethane	11.09	107	76344	19.216	ug/l	99
64) Tetrachloroethene	10.72	164	122052	19.694	ug/l	98
65) Chlorobenzene	11.52	112	263570	19.684	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	102127	19.638	ug/l	99
67) Ethyl Benzene	11.59	91	470927	19.698	ug/l	98
68) m/p-Xylenes	11.71	106	360625	39.755	ug/l	100
69) o-Xylene	12.03	106	169291	19.977	ug/l	100
70) Styrene	12.05	104	288635	19.910	ug/l	99
71) Bromoform	12.20	173	67240	19.700	ug/l #	98
73) Isopropylbenzene	12.33	105	463963	19.761	ug/l	100
74) N-amyl acetate	12.14	43	129655	19.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	87202	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64991m	19.928	ug/l	
77) Bromobenzene	12.61	156	117520	19.636	ug/l	98
78) n-propylbenzene	12.67	91	548437	19.816	ug/l	99
79) 2-Chlorotoluene	12.75	91	310204	20.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	390343	19.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31902	19.038	ug/l	96
82) 4-Chlorotoluene	12.85	91	323011	20.042	ug/l	99
83) tert-Butylbenzene	13.08	119	340332	19.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	394786	20.051	ug/l	99
85) sec-Butylbenzene	13.25	105	471381	19.863	ug/l	100
86) p-Isopropyltoluene	13.37	119	440337	19.872	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	224201	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	220015	19.635	ug/l	99
89) n-Butylbenzene	13.70	91	415360	19.928	ug/l	100
90) Hexachloroethane	13.96	117	79774	19.769	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	195547	19.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13636	18.548	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	135284	19.147	ug/l	97
94) Hexachlorobutadiene	15.11	225	96323	19.895	ug/l	98
95) Naphthalene	15.23	128	208599	17.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	102825	18.410	ug/l	96

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

