

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002846.D
 Acq On : 05 Jun 2020 14:15
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:07 AM

Quant Time: Jun 06 08:11:33 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	310254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	130729	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	135473	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.18	98	526676	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.48	95	184342	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42292	19.811	ug/l	100
3) Chloromethane	2.12	50	48295	20.453	ug/l	94
4) Vinyl Chloride	2.26	62	52781	21.148	ug/l	98
5) Bromomethane	2.65	94	39709	21.231	ug/l	96
6) Chloroethane	2.79	64	35444	21.907	ug/l	96
7) Trichlorofluoromethane	3.13	101	95753	21.662	ug/l	99
8) Diethyl Ether	3.54	74	34786	20.154	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	58626	22.338	ug/l	96
10) Methyl Iodide	4.10	142	78126	21.274	ug/l	99
11) Tert butyl alcohol	4.97	59	34029	110.399	ug/l	99
12) 1,1-Dichloroethene	3.88	96	57771	21.888	ug/l	99
13) Acrolein	3.74	56	28110	89.043	ug/l	100
14) Allyl chloride	4.49	41	85100	22.481	ug/l	99
15) Acrylonitrile	5.17	53	86507	111.097	ug/l	100
16) Acetone	3.96	43	68042	107.716	ug/l	94
17) Carbon Disulfide	4.20	76	165846	20.794	ug/l	100
18) Methyl Acetate	4.49	43	39782	24.607	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	157613	21.631	ug/l	98
20) Methylene Chloride	4.72	84	73616	23.847	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63648	21.443	ug/l	99
22) Diisopropyl ether	6.13	45	177698	22.589	ug/l	95
23) Vinyl Acetate	6.07	43	576410	110.984	ug/l	99
24) 1,1-Dichloroethane	6.02	63	102365	22.245	ug/l	99
25) 2-Butanone	7.00	43	106132	107.841	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94352	21.379	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71704	21.579	ug/l	99
28) Bromochloromethane	7.34	49	42884	22.701	ug/l	96
29) Tetrahydrofuran	7.36	42	71413	111.556	ug/l	99
30) Chloroform	7.52	83	107989	22.115	ug/l	97
31) Cyclohexane	7.79	56	98150	21.483	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	97420	21.410	ug/l	99
36) 1,1-Dichloropropene	7.92	75	82872	21.217	ug/l	99
37) Ethyl Acetate	7.08	43	46988	22.110	ug/l	98
38) Carbon Tetrachloride	7.91	117	90501	20.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	108625	21.098	ug/l	97
40) Benzene	8.17	78	246862	21.389	ug/l	100
41) Methacrylonitrile	7.32	41	23778m	20.827	ug/l	
42) 1,2-Dichloroethane	8.24	62	67916	20.997	ug/l	99
43) Isopropyl Acetate	8.28	43	86654	21.517	ug/l	100
44) Trichloroethene	8.94	130	76003	20.848	ug/l	97
45) 1,2-Dichloropropane	9.22	63	60040	21.693	ug/l	99
46) Dibromomethane	9.31	93	35051	21.324	ug/l	99
47) Bromodichloromethane	9.50	83	83574	21.567	ug/l	98
48) Methyl methacrylate	9.30	41	39051	21.480	ug/l	99
49) 1,4-Dioxane	9.30	88	10680	423.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	231726	108.664	ug/l	100
52) Toluene	10.24	92	161397	21.377	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90604	21.407	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	102972	21.471	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	53180	21.132	ug/l	98
56) Ethyl methacrylate	10.51	69	71876	21.324	ug/l	100
57) 1,3-Dichloropropane	10.79	76	88870	21.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	177147	107.558	ug/l	99
59) 2-Hexanone	10.83	43	163742	108.219	ug/l	99
60) Dibromochloromethane	10.99	129	67709	21.222	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52437	21.123	ug/l	100
64) Tetrachloroethene	10.72	164	80021	20.890	ug/l	99
65) Chlorobenzene	11.52	112	178630	21.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68680	21.891	ug/l	99
67) Ethyl Benzene	11.59	91	313105	21.680	ug/l	100
68) m/p-Xylenes	11.70	106	242428	43.296	ug/l	100
69) o-Xylene	12.03	106	113702	21.510	ug/l	99
70) Styrene	12.04	104	197731	21.578	ug/l	99
71) Bromoform	12.20	173	44772	21.327	ug/l #	99
73) Isopropylbenzene	12.33	105	315553	21.400	ug/l	99
74) N-amyl acetate	12.14	43	81146	21.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57581	22.257	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45079m	21.743	ug/l	
77) Bromobenzene	12.61	156	80243	20.900	ug/l	100
78) n-propylbenzene	12.67	91	366268	21.504	ug/l	100
79) 2-Chlorotoluene	12.75	91	203047	21.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	265131	21.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23364	21.231	ug/l	98
82) 4-Chlorotoluene	12.85	91	214983	21.476	ug/l	100
83) tert-Butylbenzene	13.08	119	234333	21.338	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267564	21.614	ug/l	99
85) sec-Butylbenzene	13.25	105	325142	21.653	ug/l	99
86) p-Isopropyltoluene	13.37	119	301989	21.613	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	154124	21.192	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154540	21.242	ug/l	99
89) n-Butylbenzene	13.70	91	276987	21.835	ug/l	99
90) Hexachloroethane	13.96	117	57035	21.804	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	140728	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10658	21.412	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	106741	21.471	ug/l	99
94) Hexachlorobutadiene	15.11	225	61313	21.744	ug/l	100
95) Naphthalene	15.23	128	210884	21.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94995	21.398	ug/l	99

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

