

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003164.D
 Acq On : 10 Jul 2020 15:34
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:46 AM

Quant Time: Jul 13 05:20:18 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	482255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	338513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	195316	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.72	113	194824	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.18	98	708541	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.48	95	257448	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77648	22.465	ug/l	98
3) Chloromethane	2.12	50	100309	20.922	ug/l	99
4) Vinyl Chloride	2.26	62	104370	21.217	ug/l	100
5) Bromomethane	2.64	94	81102	22.197	ug/l	100
6) Chloroethane	2.79	64	68824	21.302	ug/l	96
7) Trichlorofluoromethane	3.13	101	147883	21.051	ug/l	99
8) Diethyl Ether	3.54	74	48305	20.520	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	89522	21.100	ug/l	99
10) Methyl Iodide	4.10	142	90908	19.722	ug/l	99
11) Tert butyl alcohol	4.96	59	42587	96.758	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83625	20.839	ug/l	98
13) Acrolein	3.74	56	36719	96.116	ug/l	97
14) Allyl chloride	4.49	41	124484	20.905	ug/l	100
15) Acrylonitrile	5.18	53	115087	101.776	ug/l	99
16) Acetone	3.95	43	89105	98.003	ug/l	100
17) Carbon Disulfide	4.20	76	263476	21.396	ug/l	97
18) Methyl Acetate	4.49	43	51126	20.248	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	229187	20.379	ug/l	99
20) Methylene Chloride	4.72	84	105396	19.710	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	93352	20.567	ug/l	94
22) Diisopropyl ether	6.13	45	273679	20.709	ug/l	98
23) Vinyl Acetate	6.07	43	888804	100.903	ug/l	100
24) 1,1-Dichloroethane	6.02	63	160202	20.924	ug/l	99
25) 2-Butanone	6.99	43	146646	98.233	ug/l	94
26) 2,2-Dichloropropane	6.99	77	146490	21.245	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104589	20.928	ug/l	100
28) Bromochloromethane	7.35	49	70813	21.362	ug/l	98
29) Tetrahydrofuran	7.36	42	101229	100.940	ug/l	99
30) Chloroform	7.52	83	164458	20.855	ug/l	96
31) Cyclohexane	7.79	56	152947	20.658	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	148664	20.941	ug/l	98
36) 1,1-Dichloropropene	7.93	75	131522	20.603	ug/l	99
37) Ethyl Acetate	7.08	43	69673	20.267	ug/l	99
38) Carbon Tetrachloride	7.91	117	135146	20.507	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	161922	20.192	ug/l	98
40) Benzene	8.16	78	361026	20.540	ug/l	98
41) Methacrylonitrile	7.33	41	42340m	20.449	ug/l	
42) 1,2-Dichloroethane	8.24	62	109155	20.172	ug/l	99
43) Isopropyl Acetate	8.28	43	129603	19.477	ug/l	99
44) Trichloroethene	8.94	130	108935	20.217	ug/l	98
45) 1,2-Dichloropropane	9.22	63	92907	20.427	ug/l	97
46) Dibromomethane	9.31	93	53804	20.254	ug/l	99
47) Bromodichloromethane	9.50	83	129426	20.486	ug/l	100
48) Methyl methacrylate	9.30	41	57830	19.440	ug/l	99
49) 1,4-Dioxane	9.30	88	14098	418.161	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337447	97.565	ug/l	100
52) Toluene	10.24	92	229555	20.433	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	131328	20.063	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	149866	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74971	19.917	ug/l	97
56) Ethyl methacrylate	10.51	69	103407	20.206	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128142	20.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	260561	99.832	ug/l	99
59) 2-Hexanone	10.83	43	237274	98.274	ug/l	99
60) Dibromochloromethane	10.99	129	94775	20.018	ug/l	98
61) 1,2-Dibromoethane	11.09	107	73840	19.875	ug/l	98
64) Tetrachloroethene	10.72	164	117220	20.611	ug/l	99
65) Chlorobenzene	11.52	112	255431	20.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	96105	20.137	ug/l	99
67) Ethyl Benzene	11.59	91	452136	20.608	ug/l	100
68) m/p-Xylenes	11.70	106	341713	41.049	ug/l	99
69) o-Xylene	12.03	106	160381	20.623	ug/l	100
70) Styrene	12.04	104	275451	20.705	ug/l	99
71) Bromoform	12.20	173	61928	19.771	ug/l #	98
73) Isopropylbenzene	12.33	105	442942	20.533	ug/l	100
74) N-amyl acetate	12.14	43	123161	20.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83153	19.958	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	60526m	20.199	ug/l	
77) Bromobenzene	12.61	156	112577	20.473	ug/l	99
78) n-propylbenzene	12.67	91	526811	20.717	ug/l	100
79) 2-Chlorotoluene	12.75	91	293162	20.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	376063	20.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30411	19.752	ug/l	96
82) 4-Chlorotoluene	12.85	91	307218	20.746	ug/l	100
83) tert-Butylbenzene	13.08	119	330374	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376215	20.796	ug/l	98
85) sec-Butylbenzene	13.25	105	453709	20.808	ug/l	99
86) p-Isopropyltoluene	13.37	119	423096	20.781	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	212077	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	211410	20.535	ug/l	98
89) n-Butylbenzene	13.70	91	400859	20.932	ug/l	100
90) Hexachloroethane	13.96	117	74426	20.074	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	190147	20.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13191	19.529	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	132608	20.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	93386	20.993	ug/l	99
95) Naphthalene	15.23	128	212984	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101504	19.779	ug/l	99

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

