

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003256.D
 Acq On : 21 Jul 2020 18:04
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:25 PM

Quant Time: Jul 22 03:45:37 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	429814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	176343	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.72	113	168693	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.18	98	623011	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.48	95	224699	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70447	22.868	ug/l	99
3) Chloromethane	2.12	50	93441	21.868	ug/l	99
4) Vinyl Chloride	2.26	62	95480	21.778	ug/l	98
5) Bromomethane	2.65	94	74999	23.031	ug/l	95
6) Chloroethane	2.79	64	63359	22.003	ug/l	99
7) Trichlorofluoromethane	3.13	101	138313	22.091	ug/l	100
8) Diethyl Ether	3.54	74	46612	22.217	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82337	21.774	ug/l	98
10) Methyl Iodide	4.10	142	79312	19.306	ug/l	98
11) Tert butyl alcohol	4.97	59	48966	124.825	ug/l	97
12) 1,1-Dichloroethene	3.88	96	78545	21.961	ug/l	96
13) Acrolein	3.74	56	29117	85.516	ug/l	97
14) Allyl chloride	4.48	41	126173	23.774	ug/l	96
15) Acrylonitrile	5.18	53	119678	118.748	ug/l	99
16) Acetone	3.96	43	99225	122.449	ug/l	94
17) Carbon Disulfide	4.20	76	240328	21.898	ug/l	97
18) Methyl Acetate	4.49	43	56859	25.266	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	224407	22.389	ug/l	98
20) Methylene Chloride	4.72	84	100638	21.558	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	88033	21.761	ug/l	98
22) Diisopropyl ether	6.13	45	276903	23.509	ug/l	97
23) Vinyl Acetate	6.07	43	916581	116.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	154370	22.622	ug/l	97
25) 2-Butanone	7.00	43	156966	117.975	ug/l	100
26) 2,2-Dichloropropane	6.99	77	129599	21.089	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	97093	21.799	ug/l	98
28) Bromochloromethane	7.34	49	68888	23.317	ug/l	95
29) Tetrahydrofuran	7.35	42	108435	121.318	ug/l	95
30) Chloroform	7.51	83	156254	22.233	ug/l	97
31) Cyclohexane	7.79	56	145513	22.052	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137451	21.724	ug/l	98
36) 1,1-Dichloropropene	7.92	75	124000	21.626	ug/l	99
37) Ethyl Acetate	7.08	43	73386	23.766	ug/l	98
38) Carbon Tetrachloride	7.91	117	125482	21.199	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149027	20.690	ug/l	93
40) Benzene	8.16	78	341406	21.624	ug/l	99
41) Methacrylonitrile	7.32	41	37964m	20.414	ug/l	
42) 1,2-Dichloroethane	8.24	62	105462	21.698	ug/l	100
43) Isopropyl Acetate	8.28	43	133489	22.334	ug/l	99
44) Trichloroethene	8.94	130	102024	21.080	ug/l	94
45) 1,2-Dichloropropane	9.22	63	91987	22.517	ug/l	97
46) Dibromomethane	9.31	93	51388	21.537	ug/l	99
47) Bromodichloromethane	9.50	83	124045	21.859	ug/l	99
48) Methyl methacrylate	9.30	41	59522	22.276	ug/l	97
49) 1,4-Dioxane	9.30	88	14105	465.777	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	360371	116.000	ug/l	98
52) Toluene	10.24	92	215624	21.368	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129921	22.097	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	147039	21.705	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	72386	21.409	ug/l	97
56) Ethyl methacrylate	10.51	69	101733	22.132	ug/l	97
57) 1,3-Dichloropropane	10.79	76	126622	22.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	262775	112.089	ug/l	99
59) 2-Hexanone	10.83	43	245031	112.987	ug/l	99
60) Dibromochloromethane	10.99	129	93152	21.905	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71104	21.308	ug/l	98
64) Tetrachloroethene	10.72	164	102132	19.639	ug/l	98
65) Chlorobenzene	11.52	112	238481	21.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	91153	20.888	ug/l	98
67) Ethyl Benzene	11.59	91	422842	21.077	ug/l	96
68) m/p-Xylenes	11.70	106	317851	41.757	ug/l	99
69) o-Xylene	12.03	106	149308	20.996	ug/l	98
70) Styrene	12.04	104	257775	21.190	ug/l	100
71) Bromoform	12.20	173	61606	21.509	ug/l	100
73) Isopropylbenzene	12.33	105	415381	20.472	ug/l	100
74) N-amyl acetate	12.14	43	125569	22.056	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	86827	22.157	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	58337m	20.699	ug/l	
77) Bromobenzene	12.61	156	105874	20.471	ug/l	98
78) n-propylbenzene	12.67	91	496275	20.750	ug/l	100
79) 2-Chlorotoluene	12.75	91	276573	20.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346430	20.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30247	20.887	ug/l	98
82) 4-Chlorotoluene	12.85	91	287589	20.648	ug/l	98
83) tert-Butylbenzene	13.07	119	302421	20.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	349438	20.537	ug/l	98
85) sec-Butylbenzene	13.25	105	425189	20.732	ug/l	100
86) p-Isopropyltoluene	13.37	119	395005	20.628	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	204309	20.889	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	201594	20.819	ug/l	98
89) n-Butylbenzene	13.69	91	374854	20.811	ug/l	100
90) Hexachloroethane	13.96	117	73205	20.992	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	182273	21.236	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14837	23.354	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	136510	22.356	ug/l	99
94) Hexachlorobutadiene	15.11	225	86794	20.744	ug/l	99
95) Naphthalene	15.23	128	251989	24.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	118290	24.507	ug/l	99

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

