

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002520.D
 Acq On : 01 May 2020 11:48
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:11 PM

Quant Time: May 04 13:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	367359	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	548826	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	495124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	257498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	175276	56.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.72	113	177488	56.55	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.10%	
50) Toluene-d8	10.18	98	692465	56.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.49	95	235683	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	47241	16.792	ug/l	97
3) Chloromethane	2.12	50	56275	18.908	ug/l	99
4) Vinyl Chloride	2.26	62	65083	18.938	ug/l	99
5) Bromomethane	2.65	94	44214	18.656	ug/l	94
6) Chloroethane	2.79	64	38172	18.602	ug/l	100
7) Trichlorofluoromethane	3.13	101	100263	18.824	ug/l	99
8) Diethyl Ether	3.54	74	35322	19.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60801	18.677	ug/l	98
10) Methyl Iodide	4.10	142	78807	17.769	ug/l	99
11) Tert butyl alcohol	4.97	59	30062	94.598	ug/l	100
12) 1,1-Dichloroethene	3.88	96	58704	18.563	ug/l	98
13) Acrolein	3.74	56	19780	90.011	ug/l	96
14) Allyl chloride	4.49	41	88493	19.206	ug/l	99
15) Acrylonitrile	5.17	53	86974	103.038	ug/l	98
16) Acetone	3.96	43	63317	99.326	ug/l	95
17) Carbon Disulfide	4.20	76	169948	17.863	ug/l	99
18) Methyl Acetate	4.49	43	41964	19.702	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	161582	19.584	ug/l	99
20) Methylene Chloride	4.72	84	67221	18.857	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	66422	19.217	ug/l	96
22) Diisopropyl ether	6.13	45	188652	20.235	ug/l	99
23) Vinyl Acetate	6.07	43	586057	99.954	ug/l	99
24) 1,1-Dichloroethane	6.03	63	109059	19.773	ug/l	99
25) 2-Butanone	6.99	43	104076	99.738	ug/l	93
26) 2,2-Dichloropropane	6.99	77	98899	18.864	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	73541	19.229	ug/l	100
28) Bromochloromethane	7.34	49	47533	21.034	ug/l	100
29) Tetrahydrofuran	7.36	42	70266	101.777	ug/l	100
30) Chloroform	7.52	83	112339	19.589	ug/l	100
31) Cyclohexane	7.79	56	101390	18.263	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	102657	19.259	ug/l	99
36) 1,1-Dichloropropene	7.92	75	87419	19.001	ug/l	99
37) Ethyl Acetate	7.08	43	47261	19.990	ug/l	99
38) Carbon Tetrachloride	7.91	117	94936	18.900	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	110158	18.127	ug/l	97
40) Benzene	8.17	78	255088	19.197	ug/l	100
41) Methacrylonitrile	7.34	41	32987m	25.950	ug/l	
42) 1,2-Dichloroethane	8.25	62	72047	19.329	ug/l	100
43) Isopropyl Acetate	8.28	43	87542	19.751	ug/l	99
44) Trichloroethene	8.94	130	79195	19.070	ug/l	95
45) 1,2-Dichloropropane	9.22	63	61674	19.231	ug/l	97
46) Dibromomethane	9.31	93	36000	19.510	ug/l	99
47) Bromodichloromethane	9.50	83	87923m	19.596	ug/l	
48) Methyl methacrylate	9.30	41	40156	20.019	ug/l	98
49) 1,4-Dioxane	9.31	88	10027	410.417	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	232148	101.615	ug/l	99
52) Toluene	10.25	92	164558	19.269	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91867	19.542	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	105436	19.401	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	53754	19.977	ug/l	98
56) Ethyl methacrylate	10.52	69	69668	19.462	ug/l	100
57) 1,3-Dichloropropane	10.80	76	90094	19.743	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	196428	104.055	ug/l	99
59) 2-Hexanone	10.84	43	158849	101.022	ug/l	99
60) Dibromochloromethane	10.99	129	67158	19.623	ug/l	100
61) 1,2-Dibromoethane	11.10	107	52419	19.674	ug/l	99
64) Tetrachloroethene	10.72	164	86406	19.641	ug/l	99
65) Chlorobenzene	11.52	112	183717	19.519	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	69397	19.862	ug/l	98
67) Ethyl Benzene	11.60	91	323249	19.551	ug/l	100
68) m/p-Xylenes	11.70	106	246912	38.597	ug/l	98
69) o-Xylene	12.03	106	116959	19.527	ug/l	100
70) Styrene	12.05	104	200519	19.583	ug/l	99
71) Bromoform	12.21	173	43024	19.840	ug/l #	100
73) Isopropylbenzene	12.33	105	320023	19.176	ug/l	100
74) N-amyl acetate	12.15	43	80327	20.009	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	52761	19.879	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49782m	21.755	ug/l	
77) Bromobenzene	12.61	156	80134	19.220	ug/l	99
78) n-propylbenzene	12.67	91	373828	19.303	ug/l	100
79) 2-Chlorotoluene	12.76	91	205579	19.163	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	269635	19.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22046	19.318	ug/l	97
82) 4-Chlorotoluene	12.86	91	218288	19.371	ug/l	99
83) tert-Butylbenzene	13.08	119	239075	19.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	269479	19.547	ug/l	100
85) sec-Butylbenzene	13.26	105	325712	19.352	ug/l	100
86) p-Isopropyltoluene	13.38	119	308760	19.578	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	154003	19.516	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	155326	19.878	ug/l	99
89) n-Butylbenzene	13.70	91	281802	19.629	ug/l	99
90) Hexachloroethane	13.97	117	56745	19.758	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	138743	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9584	19.372	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100903	19.738	ug/l	99
94) Hexachlorobutadiene	15.12	225	60265	19.639	ug/l	99
95) Naphthalene	15.24	128	184422	19.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	84409	19.450	ug/l	98

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

