

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002605.D
 Acq On : 06 May 2020 11:21
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:24 AM

Quant Time: May 06 13:35:59 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	7.81	168	366724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	495391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	258272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151260	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.74	113	162275	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.19	98	633484	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.49	95	216678	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43139	15.513	ug/l	99
3) Chloromethane	2.12	50	53175	17.897	ug/l	99
4) Vinyl Chloride	2.26	62	61455	17.913	ug/l	97
5) Bromomethane	2.65	94	44380	18.758	ug/l	99
6) Chloroethane	2.80	64	38488	18.788	ug/l	96
7) Trichlorofluoromethane	3.14	101	99169	18.651	ug/l	98
8) Diethyl Ether	3.54	74	35588	19.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	63249	19.463	ug/l	99
10) Methyl Iodide	4.11	142	81189	18.338	ug/l	100
11) Tert butyl alcohol	4.98	59	28415	89.570	ug/l	100
12) 1,1-Dichloroethene	3.90	96	60374	19.124	ug/l	98
13) Acrolein	3.75	56	17123	78.055	ug/l	95
14) Allyl chloride	4.51	41	93897	20.414	ug/l	97
15) Acrylonitrile	5.19	53	83476	99.066	ug/l	99
16) Acetone	3.97	43	59112	92.890	ug/l	100
17) Carbon Disulfide	4.21	76	168562	17.748	ug/l	99
18) Methyl Acetate	4.50	43	40937	19.253	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	161572	19.617	ug/l	97
20) Methylene Chloride	4.74	84	68216	19.169	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	67277	19.498	ug/l	95
22) Diisopropyl ether	6.15	45	196442	21.107	ug/l	97
23) Vinyl Acetate	6.08	43	585406	100.016	ug/l	98
24) 1,1-Dichloroethane	6.04	63	111956	20.334	ug/l	99
25) 2-Butanone	7.01	43	100061	96.057	ug/l	96
26) 2,2-Dichloropropane	7.00	77	102348	19.556	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	76865	20.133	ug/l	99
28) Bromochloromethane	7.36	49	48459	21.481	ug/l	99
29) Tetrahydrofuran	7.36	42	69073	100.222	ug/l	98
30) Chloroform	7.54	83	115545	20.183	ug/l	97
31) Cyclohexane	7.80	56	104603	18.874	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	105496	19.826	ug/l	98
36) 1,1-Dichloropropene	7.94	75	90272	19.674	ug/l	99
37) Ethyl Acetate	7.10	43	46778	19.839	ug/l	99
38) Carbon Tetrachloride	7.92	117	97183	19.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	117487	19.386	ug/l	98
40) Benzene	8.18	78	265614	20.043	ug/l	98
41) Methacrylonitrile	7.33	41	25207m	19.883	ug/l	
42) 1,2-Dichloroethane	8.25	62	71485	19.230	ug/l	98
43) Isopropyl Acetate	8.29	43	88279	19.971	ug/l	100
44) Trichloroethene	8.96	130	84965	20.515	ug/l	98
45) 1,2-Dichloropropane	9.23	63	65644	20.524	ug/l	97
46) Dibromomethane	9.32	93	35617	19.354	ug/l	99
47) Bromodichloromethane	9.51	83	89233	19.942	ug/l	97
48) Methyl methacrylate	9.31	41	38936	19.463	ug/l	99
49) 1,4-Dioxane	9.32	88	10310	423.139	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	225267	98.869	ug/l	99
52) Toluene	10.25	92	171675	20.157	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	91480	19.512	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	107181	19.775	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	53535	19.949	ug/l	98
56) Ethyl methacrylate	10.52	69	71021	19.894	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91069	20.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	198846	105.620	ug/l	99
59) 2-Hexanone	10.85	43	156052	99.511	ug/l	99
60) Dibromochloromethane	11.00	129	66471	19.475	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52064	19.593	ug/l	100
64) Tetrachloroethene	10.73	164	92704	21.062	ug/l	96
65) Chlorobenzene	11.53	112	189694	20.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	69963	20.014	ug/l	99
67) Ethyl Benzene	11.60	91	333653	20.170	ug/l	100
68) m/p-Xylenes	11.71	106	256995	40.152	ug/l	99
69) o-Xylene	12.04	106	121594	20.289	ug/l	99
70) Styrene	12.05	104	208795	20.380	ug/l	99
71) Bromoform	12.22	173	43012	19.824	ug/l #	100
73) Isopropylbenzene	12.34	105	334223	19.967	ug/l	100
74) N-amyl acetate	12.15	43	80726	20.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	49717	18.676	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	40471m	17.633	ug/l	
77) Bromobenzene	12.62	156	83572	19.984	ug/l	100
78) n-propylbenzene	12.68	91	392060	20.184	ug/l	100
79) 2-Chlorotoluene	12.77	91	215205	20.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	278869	20.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21863	19.101	ug/l	98
82) 4-Chlorotoluene	12.86	91	225145	19.920	ug/l	100
83) tert-Butylbenzene	13.08	119	250315	20.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	279691	20.227	ug/l	100
85) sec-Butylbenzene	13.26	105	343284	20.335	ug/l	100
86) p-Isopropyltoluene	13.38	119	321998	20.357	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	159401	20.139	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	159269	20.322	ug/l	98
89) n-Butylbenzene	13.70	91	298714	20.744	ug/l	99
90) Hexachloroethane	13.97	117	58562	20.330	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	143262	20.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9875	19.900	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107804	21.024	ug/l	99
94) Hexachlorobutadiene	15.13	225	63921	20.768	ug/l	99
95) Naphthalene	15.25	128	191605	20.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	91352	20.986	ug/l	100

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

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