

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003136.D
 Acq On : 08 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:51 AM

Quant Time: Jul 09 02:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	405236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	577864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	528489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	285376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	182507	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	7.72	113	181430	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	679289	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.48	95	241969	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	56240	18.325	ug/l	98
3) Chloromethane	2.12	50	80168	17.838	ug/l	99
4) Vinyl Chloride	2.26	62	86718	19.782	ug/l	96
5) Bromomethane	2.65	94	66852	22.461	ug/l	97
6) Chloroethane	2.79	64	58846	21.101	ug/l	97
7) Trichlorofluoromethane	3.13	101	134552	21.746	ug/l	99
8) Diethyl Ether	3.54	74	44843	21.141	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80791	21.868	ug/l	99
10) Methyl Iodide	4.10	142	93339	20.375	ug/l	99
11) Tert butyl alcohol	4.97	59	39983	97.478	ug/l	100
12) 1,1-Dichloroethene	3.88	96	74532	21.203	ug/l	88
13) Acrolein	3.74	56	28735	78.000	ug/l	100
14) Allyl chloride	4.49	41	110424	17.992	ug/l	97
15) Acrylonitrile	5.18	53	102583	93.838	ug/l	98
16) Acetone	3.96	43	80429	84.730	ug/l	97
17) Carbon Disulfide	4.20	76	217854	19.398	ug/l	98
18) Methyl Acetate	4.48	43	49118	19.206	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	207860	20.286	ug/l	99
20) Methylene Chloride	4.72	84	117886	24.239	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	83426	20.982	ug/l	93
22) Diisopropyl ether	6.13	45	246717	18.756	ug/l	97
23) Vinyl Acetate	6.07	43	807060	91.770	ug/l	98
24) 1,1-Dichloroethane	6.02	63	145938	20.310	ug/l	99
25) 2-Butanone	6.99	43	131091	86.937	ug/l	98
26) 2,2-Dichloropropane	6.99	77	129577	19.848	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	94411	21.170	ug/l	94
28) Bromochloromethane	7.34	49	55720	17.428	ug/l	86
29) Tetrahydrofuran	7.36	42	92415	92.162	ug/l	93
30) Chloroform	7.51	83	151054	21.220	ug/l	99
31) Cyclohexane	7.79	56	134709	19.030	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	137506	21.162	ug/l	98
36) 1,1-Dichloropropene	7.92	75	117379	21.088	ug/l	97
37) Ethyl Acetate	7.08	43	62200	18.585	ug/l	98
38) Carbon Tetrachloride	7.90	117	122798	21.204	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146479	21.225	ug/l	98
40) Benzene	8.16	78	329832	21.644	ug/l	99
41) Methacrylonitrile	7.33	41	38932m	21.777	ug/l	
42) 1,2-Dichloroethane	8.24	62	100071	20.758	ug/l	99
43) Isopropyl Acetate	8.28	43	122263	19.217	ug/l	95
44) Trichloroethene	8.94	130	101041	22.812	ug/l	98
45) 1,2-Dichloropropane	9.22	63	84920	20.713	ug/l	95
46) Dibromomethane	9.31	93	48857	21.337	ug/l	97
47) Bromodichloromethane	9.50	83	119059	21.234	ug/l	99
48) Methyl methacrylate	9.30	41	52916	18.273	ug/l	90
49) 1,4-Dioxane	9.30	88	11888	425.306	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	319869	97.273	ug/l	98
52) Toluene	10.25	92	211589	22.057	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	118652	20.184	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	139647	20.772	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71063	22.334	ug/l	99
56) Ethyl methacrylate	10.51	69	93143	20.222	ug/l	94
57) 1,3-Dichloropropane	10.79	76	118026	21.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	220124	93.183	ug/l	98
59) 2-Hexanone	10.83	43	219491	95.495	ug/l	97
60) Dibromochloromethane	10.99	129	89533	21.988	ug/l	98
61) 1,2-Dibromoethane	11.09	107	70434	22.453	ug/l	96
64) Tetrachloroethene	10.72	164	113774	25.437	ug/l	99
65) Chlorobenzene	11.52	112	233311	22.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89555	22.012	ug/l	98
67) Ethyl Benzene	11.59	91	417944	21.923	ug/l	98
68) m/p-Xylenes	11.70	106	316909	44.664	ug/l	98
69) o-Xylene	12.03	106	148261	22.174	ug/l	95
70) Styrene	12.05	104	250247	21.908	ug/l	98
71) Bromoform	12.21	173	58069	21.405	ug/l	# 99
73) Isopropylbenzene	12.33	105	408017	21.846	ug/l	99
74) N-amyl acetate	12.14	43	111371	18.317	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	75629	20.066	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47666m	16.877	ug/l	
77) Bromobenzene	12.61	156	104349	21.791	ug/l	96
78) n-propylbenzene	12.67	91	485901	21.633	ug/l	99
79) 2-Chlorotoluene	12.75	91	270436	21.570	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	346107	22.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28829	19.859	ug/l	96
82) 4-Chlorotoluene	12.86	91	279476	21.410	ug/l	97
83) tert-Butylbenzene	13.08	119	297113	21.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340837	21.582	ug/l	97
85) sec-Butylbenzene	13.25	105	421116	22.201	ug/l	99
86) p-Isopropyltoluene	13.37	119	390099	22.195	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	198243	22.174	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	199038	22.577	ug/l	99
89) n-Butylbenzene	13.70	91	370672	22.042	ug/l	99
90) Hexachloroethane	13.96	117	70986	20.339	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	175584	21.890	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13258	19.871	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	128698	21.592	ug/l	98
94) Hexachlorobutadiene	15.11	225	87394	23.246	ug/l	98
95) Naphthalene	15.23	128	214926	19.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	105551	20.394	ug/l	99

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

