

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002918.D
 Acq On : 18 Jun 2020 14:36
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:12:14 PM

Quant Time: Jun 19 05:30:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	121782	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
35) Dibromofluoromethane	7.72	113	127181	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.18	98	474080	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.48	95	174742	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38892	18.564	ug/l	92
3) Chloromethane	2.12	50	45457	19.616	ug/l	100
4) Vinyl Chloride	2.26	62	48464	19.786	ug/l	99
5) Bromomethane	2.65	94	36539	19.906	ug/l	93
6) Chloroethane	2.79	64	32789	20.650	ug/l	100
7) Trichlorofluoromethane	3.13	101	93952	21.658	ug/l	96
8) Diethyl Ether	3.54	74	34160	20.167	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	58290	22.631	ug/l	100
10) Methyl Iodide	4.10	142	74367	20.634	ug/l	100
11) Tert butyl alcohol	4.97	59	33862	112.129	ug/l	99
12) 1,1-Dichloroethene	3.88	96	55510	21.430	ug/l	98
13) Acrolein	3.74	56	19822	63.980	ug/l	99
14) Allyl chloride	4.49	41	79603	21.427	ug/l	99
15) Acrylonitrile	5.18	53	83035	108.661	ug/l	100
16) Acetone	3.96	43	67988	109.672	ug/l	94
17) Carbon Disulfide	4.20	76	148362	18.954	ug/l	99
18) Methyl Acetate	4.49	43	40488	25.555	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	156412	21.873	ug/l	99
20) Methylene Chloride	4.72	84	75196	24.821	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	61551	21.130	ug/l	99
22) Diisopropyl ether	6.13	45	170550	22.092	ug/l	97
23) Vinyl Acetate	6.07	43	544514	106.832	ug/l	99
24) 1,1-Dichloroethane	6.03	63	99016	21.926	ug/l	100
25) 2-Butanone	7.00	43	104107	107.790	ug/l	100
26) 2,2-Dichloropropane	6.99	77	94189	21.747	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	69801	21.405	ug/l	99
28) Bromochloromethane	7.34	49	42271	22.801	ug/l	98
29) Tetrahydrofuran	7.36	42	67261	107.063	ug/l	99
30) Chloroform	7.52	83	105625	22.041	ug/l	96
31) Cyclohexane	7.78	56	89719	20.010	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	97236	21.775	ug/l	100
36) 1,1-Dichloropropene	7.93	75	80635	21.415	ug/l	100
37) Ethyl Acetate	7.08	43	45628	22.272	ug/l	99
38) Carbon Tetrachloride	7.91	117	91976	21.988	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102699	20.692	ug/l	97
40) Benzene	8.16	78	238859	21.468	ug/l	100
41) Methacrylonitrile	7.32	41	27619	25.094	ug/l #	35
42) 1,2-Dichloroethane	8.24	62	67604	21.681	ug/l	99
43) Isopropyl Acetate	8.28	43	84241	21.699	ug/l	99
44) Trichloroethene	8.94	130	74590	21.224	ug/l	97
45) 1,2-Dichloropropane	9.22	63	58679	21.992	ug/l	98
46) Dibromomethane	9.31	93	34446	21.738	ug/l	99
47) Bromodichloromethane	9.50	83	82428	22.065	ug/l	98
48) Methyl methacrylate	9.30	41	38201	21.797	ug/l	98
49) 1,4-Dioxane	9.30	88	9663	397.150	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	224648	109.277	ug/l	98
52) Toluene	10.24	92	156163	21.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89310	21.889	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	101629	21.982	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	52399	21.599	ug/l	98
56) Ethyl methacrylate	10.51	69	70513	21.701	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87859	22.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	172104	108.397	ug/l	100
59) 2-Hexanone	10.83	43	158828	108.889	ug/l	100
60) Dibromochloromethane	10.99	129	68430	22.249	ug/l	99
61) 1,2-Dibromoethane	11.09	107	52039	21.746	ug/l	99
64) Tetrachloroethene	10.72	164	78741	20.763	ug/l	98
65) Chlorobenzene	11.52	112	177432	21.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68247	21.971	ug/l	99
67) Ethyl Benzene	11.60	91	306777	21.456	ug/l	100
68) m/p-Xylenes	11.70	106	238605	43.042	ug/l	99
69) o-Xylene	12.03	106	112712	21.537	ug/l	100
70) Styrene	12.05	104	195602	21.561	ug/l	100
71) Bromoform	12.20	173	45199	21.747	ug/l #	100
73) Isopropylbenzene	12.33	105	311918	21.500	ug/l	100
74) N-amyl acetate	12.14	43	78819	21.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57876	22.736	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	46177m	22.637	ug/l	
77) Bromobenzene	12.61	156	79412	21.021	ug/l	98
78) n-propylbenzene	12.67	91	359624	21.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	201173	21.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	260247	21.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22861	21.114	ug/l	99
82) 4-Chlorotoluene	12.86	91	212480	21.573	ug/l	100
83) tert-Butylbenzene	13.08	119	235336	21.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	263770	21.656	ug/l	99
85) sec-Butylbenzene	13.25	105	319218	21.606	ug/l	99
86) p-Isopropyltoluene	13.37	119	298857	21.739	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	155067	21.670	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	153900	21.500	ug/l	99
89) n-Butylbenzene	13.69	91	270789	21.696	ug/l	99
90) Hexachloroethane	13.96	117	55722	21.651	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	141385	21.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10933	22.324	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	103596	21.179	ug/l	97
94) Hexachlorobutadiene	15.11	225	61400	22.131	ug/l	99
95) Naphthalene	15.23	128	205837	20.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94791	21.701	ug/l	97

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

