

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002916.D
 Acq On : 18 Jun 2020 13:38
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:12:11 PM

Quant Time: Jun 19 05:25:54 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	252735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	372818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	109860	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.72	113	111177	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.18	98	429347	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.48	95	155348	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34672	19.938	ug/l	99
3) Chloromethane	2.12	50	41326	21.484	ug/l	98
4) Vinyl Chloride	2.26	62	42612	20.959	ug/l	97
5) Bromomethane	2.65	94	33533	22.009	ug/l	99
6) Chloroethane	2.79	64	29483	22.370	ug/l	99
7) Trichlorofluoromethane	3.13	101	82821	23.001	ug/l	93
8) Diethyl Ether	3.54	74	30290	21.543	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49822	23.304	ug/l	97
10) Methyl Iodide	4.10	142	64241	21.474	ug/l	100
11) Tert butyl alcohol	4.97	59	31486	127.225	ug/l	96
12) 1,1-Dichloroethene	3.88	96	48462	22.540	ug/l	96
13) Acrolein	3.74	56	17265	67.136	ug/l	98
14) Allyl chloride	4.49	41	68855	22.329	ug/l	99
15) Acrylonitrile	5.17	53	75118	118.426	ug/l	100
16) Acetone	3.96	43	60541	117.654	ug/l	97
17) Carbon Disulfide	4.20	76	131664	20.265	ug/l	100
18) Methyl Acetate	4.49	43	35042	26.688	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	140741	23.711	ug/l	95
20) Methylene Chloride	4.72	84	73244	29.127	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	54229	22.428	ug/l	97
22) Diisopropyl ether	6.13	45	148673	23.201	ug/l	93
23) Vinyl Acetate	6.07	43	482646	114.081	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86571	23.095	ug/l	99
25) 2-Butanone	7.00	43	94053	117.317	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83970	23.357	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62460	23.075	ug/l	99
28) Bromochloromethane	7.34	49	36546	23.749	ug/l	99
29) Tetrahydrofuran	7.36	42	60271	115.578	ug/l	99
30) Chloroform	7.52	83	94675	23.801	ug/l	96
31) Cyclohexane	7.79	56	80341	21.587	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	87368	23.570	ug/l	100
36) 1,1-Dichloropropene	7.93	75	70848	22.559	ug/l	98
37) Ethyl Acetate	7.08	43	40714	23.828	ug/l	99
38) Carbon Tetrachloride	7.91	117	81917	23.480	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	89916	21.721	ug/l	98
40) Benzene	8.17	78	211754	22.819	ug/l	99
41) Methacrylonitrile	7.32	41	19905m	21.684	ug/l	
42) 1,2-Dichloroethane	8.24	62	61690	23.721	ug/l	100
43) Isopropyl Acetate	8.28	43	76698	23.687	ug/l	100
44) Trichloroethene	8.94	130	66898	22.823	ug/l	95
45) 1,2-Dichloropropane	9.22	63	52138	23.429	ug/l	100
46) Dibromomethane	9.31	93	31211	23.616	ug/l	99
47) Bromodichloromethane	9.50	83	74086	23.779	ug/l #	98
48) Methyl methacrylate	9.30	41	34328	23.485	ug/l	99
49) 1,4-Dioxane	9.31	88	8956	441.338	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	202936	118.359	ug/l	99
52) Toluene	10.25	92	138188	22.764	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79288	23.299	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	88789	23.026	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	47909	23.678	ug/l	94
56) Ethyl methacrylate	10.51	69	63114	23.289	ug/l	99
57) 1,3-Dichloropropane	10.79	76	78193	23.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	155578	117.487	ug/l	100
59) 2-Hexanone	10.83	43	144664	118.914	ug/l	99
60) Dibromochloromethane	10.99	129	61569	24.001	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46194	23.144	ug/l	100
64) Tetrachloroethene	10.72	164	71059	22.343	ug/l	98
65) Chlorobenzene	11.52	112	160274	23.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	61624	23.658	ug/l	100
67) Ethyl Benzene	11.59	91	276055	23.023	ug/l	100
68) m/p-Xylenes	11.70	106	215150	46.281	ug/l	99
69) o-Xylene	12.03	106	102384	23.329	ug/l	99
70) Styrene	12.04	104	178295	23.436	ug/l	100
71) Bromoform	12.21	173	42496	24.382	ug/l #	100
73) Isopropylbenzene	12.33	105	279659	22.414	ug/l	99
74) N-amyl acetate	12.14	43	72659	22.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53229	24.315	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	40556m	23.117	ug/l	
77) Bromobenzene	12.61	156	73911	22.750	ug/l	98
78) n-propylbenzene	12.67	91	323990	22.480	ug/l	100
79) 2-Chlorotoluene	12.75	91	182236	22.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	236850	22.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20855	22.396	ug/l	95
82) 4-Chlorotoluene	12.86	91	194414	22.952	ug/l	100
83) tert-Butylbenzene	13.08	119	214282	23.059	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	241439	23.049	ug/l	98
85) sec-Butylbenzene	13.25	105	291678	22.956	ug/l	99
86) p-Isopropyltoluene	13.37	119	274861	23.248	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	142128	23.095	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142310	23.117	ug/l	99
89) n-Butylbenzene	13.70	91	247181	23.028	ug/l	99
90) Hexachloroethane	13.96	117	52408	23.678	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	130822	23.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10210	24.241	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	99590	23.674	ug/l	99
94) Hexachlorobutadiene	15.11	225	57723	24.193	ug/l	99
95) Naphthalene	15.23	128	198418	23.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89556	23.840	ug/l	99

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

