

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
 Data File : VV011866.D
 Acq On : 12 Jul 2019 12:26
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Jul 13 03:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 03:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177134	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	90217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276754	23.45	ug/L	0.00
7) Chloroethane-d5	1.58	69	214851	23.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	372304	16.15	ug/L	0.00
20) 2-Butanone-d5	3.95	46	585835	208.88	ug/L	0.00
24) Chloroform-d	4.40	84	480047	20.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	237533	20.10	ug/L	0.00
32) Benzene-d6	5.10	84	973560	21.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	293764	20.48	ug/L	0.00
41) Toluene-d8	7.36	98	974869	23.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	124626	24.78	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	551274	246.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	214631	21.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	344404	21.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	343658	20.460 ug/L	99
3) Chloromethane	1.25	50	337189	20.018 ug/L	98
5) Vinyl chloride	1.32	62	330659	20.845 ug/L	99
6) Bromomethane	1.54	94	188949	22.230 ug/L	94
8) Chloroethane	1.60	64	184717	20.336 ug/L	97
9) Trichlorofluoromethane	1.77	101	432657	20.690 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	169413	14.481 ug/L	95
12) 1,1-Dichloroethene	2.14	96	155508	14.363 ug/L	85
13) Acetone	2.21	43	268012	133.947 ug/L	95
14) Carbon disulfide	2.32	76	438473	15.017 ug/L	99
15) Methyl Acetate	2.47	43	56431	9.999 ug/L	95
16) Methylene chloride	2.53	84	150447	11.813 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	536886	19.619 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	242436	20.009 ug/L	98
19) 1,1-Dichloroethane	3.23	63	442974	18.874 ug/L	98
21) 2-Butanone	4.04	43	607204	189.634 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	263550	20.484 ug/L	100
23) Bromochloromethane	4.30	128	110026	20.506 ug/L	98
25) Chloroform	4.43	83	461447	18.158 ug/L	96
27) 1,2-Dichloroethane	5.18	62	286249	18.498 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	408775	19.760 ug/L	99
30) Cyclohexane	4.72	56	432696	19.831 ug/L	100
31) Carbon tetrachloride	4.87	117	370448	20.806 ug/L	98
33) Benzene	5.15	78	1022247	19.599 ug/L	100
34) Trichloroethene	5.96	95	278007	20.075 ug/L	97
35) Methylcyclohexane	6.18	83	471780	21.011 ug/L	99
37) 1,2-Dichloropropane	6.22	63	253229	18.929 ug/L	99
38) Bromodichloromethane	6.56	83	323546	20.420 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	407489	22.407 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	1627341	196.698 ug/L	95

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42) Toluene	7.43	91	1183779	21.312	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	320076	22.992	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	184081	21.254	ug/L	97
47) Tetrachloroethene	8.02	164	242441	22.470	ug/L	98
48) 2-Hexanone	8.19	43	1219544	208.852	ug/L	96
49) Dibromochloromethane	8.29	129	226878	24.608	ug/L	99
50) 1,2-Dibromoethane	8.40	107	178374	22.245	ug/L	99
51) Chlorobenzene	8.92	112	744019	21.152	ug/L	98
52) Ethylbenzene	9.05	91	1372003	22.232	ug/L	99
53) m,p-xylene	9.18	106	510201	22.528	ug/L	100
54) o-xylene	9.59	106	492790	22.670	ug/L	100
55) Styrene	9.60	104	851665	23.321	ug/L	99
56) Isopropylbenzene	9.97	105	1348198	22.897	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	201675	19.672	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	160540	20.661	ug/L	99
61) Bromoform	9.77	173	108905	22.357	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	586123	20.918	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	590655	20.580	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	539402	20.331	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	33192	19.876	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	463556	21.305	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	386323	22.058	ug/L	100
69) Naphthalene	13.55	128	661570	23.950	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	350045	21.628	ug/L	100

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

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