

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010578.D
 Acq On : 30 Apr 2019 16:50
 Operator : SY/MD
 Sample : VSTD01038
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01038

Quant Time: May 01 07:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 01 07:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	208576	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111494	10.77	ug/L	0.00
7) Chloroethane-d5	1.57	69	74488	12.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	215889	11.03	ug/L	0.00
20) 2-Butanone-d5	3.94	46	270574	104.22	ug/L	0.00
24) Chloroform-d	4.40	84	245249	9.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	119649	9.82	ug/L	0.00
32) Benzene-d6	5.10	84	475264	9.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	139520	9.60	ug/L	0.00
41) Toluene-d8	7.36	98	482902	9.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	55932	9.99	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	228767	98.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108252	9.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	170703	9.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	175979	10.385	ug/L 98
3) Chloromethane	1.25	50	153512	12.013	ug/L 99
5) Vinyl chloride	1.32	62	163099	12.783	ug/L 97
6) Bromomethane	1.52	94	65535	12.432	ug/L 91
8) Chloroethane	1.59	64	78530	13.814	ug/L 94
9) Trichlorofluoromethane	1.76	101	265190	11.279	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	131847	11.238	ug/L 97
12) 1,1-Dichloroethene	2.14	96	119269	11.386	ug/L 95
13) Acetone	2.20	43	151133	111.552	ug/L 99
14) Carbon disulfide	2.31	76	328469	12.121	ug/L 96
15) Methyl Acetate	2.46	43	46562	10.319	ug/L 97
16) Methylene chloride	2.53	84	130707	8.671	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	282549	9.871	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	135615	9.630	ug/L 98
19) 1,1-Dichloroethane	3.23	63	249548	10.480	ug/L 97
21) 2-Butanone	4.02	43	298109	109.090	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	147722	9.639	ug/L 97
23) Bromochloromethane	4.30	128	61248	8.772	ug/L 99
25) Chloroform	4.43	83	260455	9.797	ug/L 100
27) 1,2-Dichloroethane	5.18	62	151535	9.935	ug/L 96
29) 1,1,1-Trichloroethane	4.66	97	233311	9.581	ug/L 99
30) Cyclohexane	4.72	56	221742	12.003	ug/L 98
31) Carbon tetrachloride	4.87	117	212811	9.232	ug/L 100
33) Benzene	5.14	78	555774	10.178	ug/L 100
34) Trichloroethene	5.96	95	152787	9.672	ug/L 98
35) Methylcyclohexane	6.17	83	234398	11.209	ug/L 97
37) 1,2-Dichloropropane	6.22	63	135324	10.728	ug/L 99
38) Bromodichloromethane	6.56	83	178288	9.932	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	199826	10.956	ug/L 96
40) 4-Methyl-2-pentanone	7.27	43	773567	113.963	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	641176	10.756	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	153081	10.723	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	94769	9.086	ug/L	94
47) Tetrachloroethene	8.02	164	123500	8.680	ug/L	93
48) 2-Hexanone	8.18	43	566402	119.347	ug/L	99
49) Dibromochloromethane	8.29	129	118640	9.454	ug/L	96
50) 1,2-Dibromoethane	8.40	107	91666	9.578	ug/L	95
51) Chlorobenzene	8.93	112	411730	9.858	ug/L	99
52) Ethylbenzene	9.06	91	707138	11.146	ug/L	98
53) m,p-xylene	9.18	106	275527	11.105	ug/L	99
54) o-xylene	9.59	106	273719	11.247	ug/L	99
55) Styrene	9.60	104	457797	11.444	ug/L	99
56) Isopropylbenzene	9.97	105	706267	11.069	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	109898	9.696	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	80608	9.998	ug/L	98
61) Bromoform	9.77	173	57505	9.134	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	305737	9.939	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	311969	9.876	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	297297	9.878	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	17074	10.066	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	232781	9.202	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	180400	9.406	ug/L	100
69) Naphthalene	13.55	128	315256	10.961	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	172700	9.167	ug/L	97

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

