

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008569.D
 Acq On : 15 Nov 2018 12:20
 Operator : SY/MD
 Sample : VSTD05070
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Nov 16 03:59:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 03:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	280386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	251010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89844	79.80	ug/L	0.00
7) Chloroethane-d5	1.57	69	61695	70.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	156733	66.84	ug/L	0.00
21) 2-Butanone-d5	3.94	46	157326	103.32	ug/L	0.00
24) Chloroform-d	4.41	84	194945	61.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	124793	60.75	ug/L	0.00
32) Benzene-d6	5.10	84	399010	69.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	124721	63.85	ug/L	0.00
41) Toluene-d8	7.36	98	362939	70.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	62551	68.99	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	117354	109.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	167859	58.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	128547	60.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	107512	49.247	ug/L 100
3) Chloromethane	1.25	50	98889	45.402	ug/L 100
5) Vinyl chloride	1.32	62	96693	48.393	ug/L 100
6) Bromomethane	1.52	94	28867	47.551	ug/L 100
8) Chloroethane	1.59	64	51426	47.809	ug/L 100
9) Trichlorofluoromethane	1.76	101	128148	48.672	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73392	50.602	ug/L 100
12) 1,1-Dichloroethene	2.14	96	67655	50.170	ug/L 100
13) Acetone	2.19	43	121693	87.691	ug/L 100
14) Carbon disulfide	2.32	76	269151	48.501	ug/L 100
15) Methyl Acetate	2.46	43	115484	45.564	ug/L 100
16) Methylene chloride	2.54	84	101547	48.069	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	93287	48.461	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	325230	49.149	ug/L 100
19) 1,1-Dichloroethane	3.23	63	182520	47.955	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	108191	49.034	ug/L 100
22) 2-Butanone	4.02	43	171623	89.958	ug/L 100
23) Bromochloromethane	4.30	128	50106	48.291	ug/L 100
25) Chloroform	4.43	83	191642	49.697	ug/L 100
27) 1,2-Dichloroethane	5.18	62	145009	47.433	ug/L 100
29) Cyclohexane	4.73	56	178398	51.361	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	162944	50.458	ug/L 100
31) Carbon tetrachloride	4.88	117	139101	51.109	ug/L 100
33) Benzene	5.15	78	406690	51.799	ug/L 100
34) Trichloroethene	5.96	95	103753	51.137	ug/L 100
35) Methylcyclohexane	6.18	83	177849	52.877	ug/L 100
37) 1,2-Dichloropropane	6.23	63	108875	50.759	ug/L 100
38) Bromodichloromethane	6.56	83	136133	50.591	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	164578	51.330	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	298602	96.375	ug/L 100

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42) Toluene	7.43	91	426043	51.679	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	156710	53.107	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	97437	50.558	ug/L	100
46) Tetrachloroethene	8.02	164	76896	52.977	ug/L	100
48) 2-Hexanone	8.19	43	234615	99.564	ug/L	100
49) Dibromochloromethane	8.29	129	104801	52.403	ug/L	100
50) 1,2-Dibromoethane	8.40	107	103281	51.262	ug/L	100
51) Chlorobenzene	8.93	112	262984	50.673	ug/L	100
52) Ethylbenzene	9.06	91	468614	51.261	ug/L	100
53) m,p-Xylene	9.18	106	173749	51.945	ug/L	100
54) o-xylene	9.59	106	171154	51.023	ug/L	100
55) Styrene	9.61	104	283508	51.824	ug/L	100
56) Isopropylbenzene	9.98	105	452134	51.582	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	162164	51.108	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	132112	49.424	ug/L	100
61) Bromoform	9.78	173	69389	49.388	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	191138	49.434	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	192586	50.198	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	197843	50.410	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	35515	49.422	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	135484	53.214	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	113059	57.073	ug/L	100
69) Naphthalene	13.55	128	343026	57.337	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	113624	56.634	ug/L	100

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

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