

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007122.D
 Acq On : 22 Aug 2018 15:24
 Operator : SY/MD
 Sample : VSTD10076
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10076

Quant Time: Aug 23 07:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:39:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	580539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	569625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	297610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	375115	87.26	ug/L	0.00
7) Chloroethane-d5	1.56	69	215091	63.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	664769	78.21	ug/L	0.00
21) 2-Butanone-d5	3.95	46	646558	243.24	ug/L	0.00
24) Chloroform-d	4.40	84	779586	94.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	474396	84.83	ug/L	0.00
32) Benzene-d6	5.10	84	1603400	100.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	520020	102.84	ug/L	0.00
41) Toluene-d8	7.36	98	1486855	98.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	231457	95.18	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	450732	214.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	777977	108.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	603017	95.20	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	500084	97.99	ug/L	100
3) Chloromethane	1.25	50	612280	128.64	ug/L	99
5) Vinyl chloride	1.32	62	530830	110.84	ug/L	99
6) Bromomethane	1.51	94	119337	52.69	ug/L	100
8) Chloroethane	1.57	64	284297	98.52	ug/L	100
9) Trichlorofluoromethane	1.76	101	631683	89.68	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	384210	98.65	ug/L	99
12) 1,1-Dichloroethene	2.13	96	367978	101.65	ug/L	97
13) Acetone	2.19	43	442764	147.22	ug/L	99
14) Carbon disulfide	2.31	76	1107750	130.00	ug/L	99
15) Methyl Acetate	2.46	43	416877	93.08	ug/L	99
16) Methylene chloride	2.53	84	413347	100.44	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	397119	112.21	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	1218262	100.25	ug/L	99
19) 1,1-Dichloroethane	3.22	63	802662	110.44	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	479565	115.46	ug/L	98
22) 2-Butanone	4.04	43	768207	212.17	ug/L	99
23) Bromochloromethane	4.30	128	237684	114.72	ug/L	99
25) Chloroform	4.43	83	809775	104.99	ug/L	97
27) 1,2-Dichloroethane	5.19	62	611574	92.14	ug/L	100
29) Cyclohexane	4.72	56	735217	120.60	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	676396	99.95	ug/L	99
31) Carbon tetrachloride	4.87	117	578405	100.04	ug/L	99
33) Benzene	5.15	78	1903065	116.31	ug/L	100
34) Trichloroethene	5.96	95	434619	104.22	ug/L	98
35) Methylcyclohexane	6.18	83	775555	122.61	ug/L	97
37) 1,2-Dichloropropane	6.23	63	489303	110.27	ug/L	98
38) Bromodichloromethane	6.56	83	591237	104.92	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	716766	114.02	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	1343231	209.42	ug/L	99

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42) Toluene	7.44	91	1919555	110.50	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	664462	109.51	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	457123	108.11	ug/L	99
46) Tetrachloroethene	8.02	164	361325	110.52	ug/L	98
48) 2-Hexanone	8.19	43	1052743	198.61	ug/L	97
49) Dibromochloromethane	8.30	129	478778	110.45	ug/L	99
50) 1,2-Dibromoethane	8.40	107	463936	106.04	ug/L	99
51) Chlorobenzene	8.93	112	1221875	105.80	ug/L	100
52) Ethylbenzene	9.06	91	2019370	105.20	ug/L	98
53) m,p-Xylene	9.19	106	789245	111.69	ug/L	100
54) o-xylene	9.59	106	769173	108.46	ug/L	99
55) Styrene	9.61	104	1392296	113.86	ug/L	99
56) Isopropylbenzene	9.98	105	1977866	104.60	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	820690	112.90	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	651023	110.69	ug/L	99
61) Bromoform	9.78	173	368381	115.82	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	936690	101.40	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	994015	99.94	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	1027158	102.50	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	148834	94.43	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	683926	103.47	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	517015	97.32	ug/L	99
69) Naphthalene	13.56	128	1501451	92.18	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	580310	102.06	ug/L	100

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

