

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007291.D
 Acq On : 31 Aug 2018 10:32
 Operator : SY/MD
 Sample : VSTD05073
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Aug 31 23:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	617846	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	599618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	289242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188254	44.86	ug/L	0.00
7) Chloroethane-d5	1.58	69	118150	36.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	347571	46.93	ug/L	0.00
21) 2-Butanone-d5	3.96	46	300303	94.43	ug/L	0.00
24) Chloroform-d	4.41	84	401448	48.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	241736	48.11	ug/L	0.00
32) Benzene-d6	5.11	84	818665	48.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	263005	47.44	ug/L	0.00
41) Toluene-d8	7.36	98	761230	51.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	119244	49.13	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	198458	110.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	364232	49.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	279316	46.69	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	244127	49.74	ug/L	100
3) Chloromethane	1.26	50	266295	46.14	ug/L	100
5) Vinyl chloride	1.32	62	254084	49.32	ug/L	100
6) Bromomethane	1.54	94	120289	66.55	ug/L	100
8) Chloroethane	1.59	64	113196	38.94	ug/L	100
9) Trichlorofluoromethane	1.76	101	320938	49.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	198331	49.74	ug/L	100
12) 1,1-Dichloroethene	2.14	96	187294	49.25	ug/L	100
13) Acetone	2.21	43	272803	111.74	ug/L	100
14) Carbon disulfide	2.32	76	547710	47.20	ug/L	100
15) Methyl Acetate	2.47	43	211008	49.84	ug/L	100
16) Methylene chloride	2.54	84	217118	50.25	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	202958	49.38	ug/L	100
18) Methyl tert-butyl Ether	2.82	73	623495	50.61	ug/L	100
19) 1,1-Dichloroethane	3.23	63	415007	49.73	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	229711	48.15	ug/L	100
22) 2-Butanone	4.04	43	381497	102.61	ug/L	100
23) Bromochloromethane	4.30	128	120842	49.45	ug/L	100
25) Chloroform	4.43	83	407790	49.86	ug/L	100
27) 1,2-Dichloroethane	5.19	62	301244	49.77	ug/L	100
29) Cyclohexane	4.73	56	328316	48.48	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	341195	49.63	ug/L	100
31) Carbon tetrachloride	4.88	117	295274	50.03	ug/L	100
33) Benzene	5.15	78	939216	50.59	ug/L	100
34) Trichloroethene	5.96	95	218576	48.39	ug/L	100
35) Methylcyclohexane	6.18	83	362257	50.44	ug/L	100
37) 1,2-Dichloropropane	6.23	63	248828	50.53	ug/L	100
38) Bromodichloromethane	6.56	83	303524	50.31	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	347648	50.18	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	598435	103.68	ug/L	100

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42) Toluene	7.44	91	957927	53.16	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	324310	50.61	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	231663	50.67	ug/L	100
46) Tetrachloroethene	8.02	164	185777	49.82	ug/L	100
48) 2-Hexanone	8.20	43	493793	107.44	ug/L	100
49) Dibromochloromethane	8.30	129	242385	51.54	ug/L	100
50) 1,2-Dibromoethane	8.40	107	231570	50.35	ug/L	100
51) Chlorobenzene	8.93	112	611299	50.17	ug/L	100
52) Ethylbenzene	9.06	91	975599	52.05	ug/L	100
53) m,p-Xylene	9.19	106	377238	53.10	ug/L	100
54) o-xylene	9.59	106	362631	52.99	ug/L	100
55) Styrene	9.61	104	668587	56.61	ug/L	100
56) Isopropylbenzene	9.98	105	925014	52.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	375265	49.97	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	295637	49.29	ug/L	100
61) Bromoform	9.78	173	176151	50.59	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	419050	47.86	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	461676	48.73	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	471179	49.98	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	73594	53.51	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	326531	50.58	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	259106	52.74	ug/L	100
69) Naphthalene	13.56	128	763716	55.31	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	298158	56.08	ug/L	100

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

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