

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007171.D
 Acq On : 24 Aug 2018 15:17
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Aug 24 23:21:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:19:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	608080	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	585619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	298755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	435088	111.68	ug/L	0.00
7) Chloroethane-d5	1.58	69	346798	133.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	752475	105.58	ug/L	0.00
21) 2-Butanone-d5	3.95	46	679983	211.63	ug/L	0.00
24) Chloroform-d	4.41	84	838396	102.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	511340	103.66	ug/L	0.00
32) Benzene-d6	5.10	84	1764799	108.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	562786	104.56	ug/L	0.00
41) Toluene-d8	7.37	98	1606174	111.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	254257	109.73	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	442218	235.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	761637	99.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	609318	101.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	487292	89.935 ug/L	99
3) Chloromethane	1.25	50	559591	81.352 ug/L	100
5) Vinyl chloride	1.32	62	506474	89.400 ug/L	100
6) Bromomethane	1.53	94	176218	119.644 ug/L	99
8) Chloroethane	1.60	64	300464	96.058 ug/L	99
9) Trichlorofluoromethane	1.77	101	640547	93.118 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	391824	93.445 ug/L	99
12) 1,1-Dichloroethene	2.14	96	369122	92.362 ug/L	97
13) Acetone	2.20	43	441861	178.455 ug/L	99
14) Carbon disulfide	2.32	76	1109464	91.019 ug/L	100
15) Methyl Acetate	2.46	43	425073	93.550 ug/L	99
16) Methylene chloride	2.54	84	417355	90.892 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	399922	92.488 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	1224836	92.672 ug/L	99
19) 1,1-Dichloroethane	3.23	63	825786	92.668 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	487304	96.635 ug/L	100
22) 2-Butanone	4.04	43	756430	193.294 ug/L	98
23) Bromochloromethane	4.30	128	246421	95.368 ug/L	99
25) Chloroform	4.43	83	818448	93.701 ug/L	99
27) 1,2-Dichloroethane	5.19	62	621999	94.261 ug/L	99
29) Cyclohexane	4.73	56	725005	99.791 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	692580	94.316 ug/L	100
31) Carbon tetrachloride	4.88	117	596484	96.351 ug/L	99
33) Benzene	5.15	78	1918941	97.124 ug/L	100
34) Trichloroethene	5.96	95	445236	94.326 ug/L	98
35) Methylcyclohexane	6.18	83	769999	102.155 ug/L	99
37) 1,2-Dichloropropane	6.23	63	499384	94.708 ug/L	100
38) Bromodichloromethane	6.56	83	602189	95.423 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	735206	103.016 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	1274574	199.718 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1940138	101.566	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	686361	103.524	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	462999	94.156	ug/L	99
46) Tetrachloroethene	8.02	164	374325	97.430	ug/L	97
48) 2-Hexanone	8.19	43	1032745	204.018	ug/L	99
49) Dibromochloromethane	8.30	129	481682	97.378	ug/L	100
50) 1,2-Dibromoethane	8.40	107	464775	95.680	ug/L	97
51) Chlorobenzene	8.93	112	1227806	96.868	ug/L	98
52) Ethylbenzene	9.06	91	2059819	106.056	ug/L	99
53) m,p-Xylene	9.19	106	797127	107.278	ug/L	98
54) o-xylene	9.59	106	768818	106.944	ug/L	97
55) Styrene	9.61	104	1362861	109.943	ug/L	100
56) Isopropylbenzene	9.98	105	1973908	108.609	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	765766	91.167	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	609677	90.319	ug/L	98
61) Bromoform	9.78	173	353143	87.901	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	916716	95.311	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	971367	95.256	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	981784	93.453	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	142725	96.404	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	710631	106.903	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	580586	127.789	ug/L	100
69) Naphthalene	13.56	128	1692942	137.750	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	634917	128.741	ug/L	99

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

