

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012316.D
 Acq On : 21 Aug 2019 16:16
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Aug 22 02:24:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 02:21:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237888	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111121	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10593	7.10	ug/L	0.00
7) Chloroethane-d5	1.58	69	7975	6.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20586	7.35	ug/L	0.00
21) 2-Butanone-d5	3.93	46	12771	9.85	ug/L	0.00
24) Chloroform-d	4.40	84	28503	8.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	20755	9.12	ug/L	0.00
32) Benzene-d6	5.10	84	55632	8.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15427	7.57	ug/L	0.00
41) Toluene-d8	7.36	98	53591	8.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	8451	7.88	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	9284	10.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20652	6.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	23106	8.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18571	9.109 ug/L	98
3) Chloromethane	1.25	50	10398	5.912 ug/L	94
5) Vinyl chloride	1.33	62	10132	5.679 ug/L	96
6) Bromomethane	1.53	94	5406	5.622 ug/L	80
8) Chloroethane	1.60	64	5837	5.853 ug/L	99
9) Trichlorofluoromethane	1.77	101	20874	8.371 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9635	7.103 ug/L	99
12) 1,1-Dichloroethene	2.14	96	8525	6.642 ug/L	92
13) Acetone	2.18	43	12572	12.458 ug/L	94
14) Carbon disulfide	2.32	76	32557	7.647 ug/L	99
15) Methyl Acetate	2.46	43	10876	6.502 ug/L	99
16) Methylene chloride	2.53	84	13322	8.136 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	13551	8.612 ug/L	96
18) Methyl tert-butyl Ether	2.80	73	41621	8.652 ug/L	99
19) 1,1-Dichloroethane	3.23	63	22078	7.880 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	14423	8.272 ug/L	94
22) 2-Butanone	4.02	43	15779	12.271 ug/L	98
23) Bromochloromethane	4.30	128	8256	8.964 ug/L	87
25) Chloroform	4.42	83	28359	9.353 ug/L	97
27) 1,2-Dichloroethane	5.18	62	21660	9.405 ug/L #	95
29) Cyclohexane	4.72	56	17724	7.430 ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	25566	9.999 ug/L	99
31) Carbon tetrachloride	4.87	117	24111	10.463 ug/L	96
33) Benzene	5.15	78	50943	8.379 ug/L	100
34) Trichloroethene	5.96	95	14632	8.910 ug/L	96
35) Methylcyclohexane	6.18	83	22513	8.708 ug/L	98
37) 1,2-Dichloropropane	6.22	63	10708	7.032 ug/L #	94
38) Bromodichloromethane	6.55	83	18908	8.871 ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	20115	8.169 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	28297	13.472 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	56245	8.609	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	18439	8.138	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	12874	8.397	ug/L	99
46) Tetrachloroethene	8.02	164	13995	9.809	ug/L	94
48) 2-Hexanone	8.18	43	20487	11.989	ug/L	97
49) Dibromochloromethane	8.29	129	16951	9.473	ug/L	97
50) 1,2-Dibromoethane	8.40	107	14053	8.480	ug/L	99
51) Chlorobenzene	8.92	112	39303	8.960	ug/L	97
52) Ethylbenzene	9.05	91	64519	8.895	ug/L	98
53) m,p-Xylene	9.18	106	25001	8.973	ug/L	100
54) o-xylene	9.59	106	24516	9.053	ug/L	99
55) Styrene	9.60	104	39953	8.629	ug/L	99
56) Isopropylbenzene	9.97	105	65866	9.173	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	17662	7.121	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	15772	8.058	ug/L	99
61) Bromoform	9.78	173	13307	10.084	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	31342	8.846	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	31474	8.708	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	32207	9.032	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3933	7.195	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	23116	8.524	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	15502	6.938	ug/L	99
69) Naphthalene	13.55	128	38432	6.088	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	16586	7.073	ug/L	97

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

