

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012505.D
 Acq On : 01 Sep 2019 12:59
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Sep 02 02:52:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 02:48:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	332592	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221229	97.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	238010	95.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	607924	99.52	ug/L	0.00
21) 2-Butanone-d5	3.93	46	402843	220.63	ug/L	0.00
24) Chloroform-d	4.40	84	462758	100.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	302395	102.43	ug/L	0.00
32) Benzene-d6	5.10	84	809964	101.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	289635	103.34	ug/L	0.00
41) Toluene-d8	7.36	98	790251	105.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	137678	105.91	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	264015	238.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	423671	106.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	324503	99.64	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	278288	104.409	ug/L	100
3) Chloromethane	1.25	50	346528	101.670	ug/L	98
5) Vinyl chloride	1.33	62	371828	104.492	ug/L	97
6) Bromomethane	1.53	94	355001	123.082	ug/L	99
8) Chloroethane	1.60	64	268794	102.959	ug/L	100
9) Trichlorofluoromethane	1.77	101	548895	101.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	319229	102.493	ug/L	99
12) 1,1-Dichloroethene	2.14	96	308007	102.626	ug/L	99
13) Acetone	2.19	43	384699	197.755	ug/L	100
14) Carbon disulfide	2.32	76	670459	103.438	ug/L	100
15) Methyl Acetate	2.46	43	307213	107.697	ug/L	99
16) Methylene chloride	2.54	84	265171	102.200	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	241201	103.120	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	789292	107.346	ug/L	100
19) 1,1-Dichloroethane	3.23	63	490643	103.549	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	272619	105.424	ug/L	100
22) 2-Butanone	4.01	43	472829	223.063	ug/L	98
23) Bromochloromethane	4.30	128	129002	103.864	ug/L	95
25) Chloroform	4.43	83	491721	102.055	ug/L	98
27) 1,2-Dichloroethane	5.18	62	422188	104.728	ug/L	99
29) Cyclohexane	4.73	56	446884	110.012	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	404741	103.191	ug/L	99
31) Carbon tetrachloride	4.88	117	346143	103.796	ug/L	99
33) Benzene	5.15	78	1063123	104.604	ug/L	100
34) Trichloroethene	5.96	95	274462	97.811	ug/L	99
35) Methylcyclohexane	6.18	83	445809	109.514	ug/L	99
37) 1,2-Dichloropropane	6.22	63	282423	103.170	ug/L	99
38) Bromodichloromethane	6.55	83	378732	104.947	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	450601	114.831	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	882703	230.422	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1161093	108.823	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	402156	113.258	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	259555	104.899	ug/L	99
46) Tetrachloroethene	8.02	164	194142	102.816	ug/L	97
48) 2-Hexanone	8.18	43	715665	238.585	ug/L	99
49) Dibromochloromethane	8.29	129	279387	107.680	ug/L	100
50) 1,2-Dibromoethane	8.40	107	269210	105.201	ug/L	98
51) Chlorobenzene	8.92	112	701269	104.674	ug/L	100
52) Ethylbenzene	9.05	91	1298678	112.314	ug/L	99
53) m,p-Xylene	9.18	106	469480	113.045	ug/L	100
54) o-xylene	9.59	106	467795	112.904	ug/L	97
55) Styrene	9.60	104	812905	115.858	ug/L	99
56) Isopropylbenzene	9.97	105	1252818	115.962	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	413758	112.753	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	350295	105.557	ug/L	100
61) Bromoform	9.77	173	186748	103.929	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	539612	104.368	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	539304	100.799	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	537213	102.755	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	89883	102.017	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	369129	106.876	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	321356	113.129	ug/L	97
69) Naphthalene	13.55	128	1068680	120.337	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	333606	114.147	ug/L	98

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

