

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009857.D
 Acq On : 25 Mar 2019 12:59
 Operator : SY/MD
 Sample : VSTD20067
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20067

Quant Time: Mar 26 06:03:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 05:58:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	193668	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222920	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	343038	236.27	ug/L	0.00
7) Chloroethane-d5	1.55	69	318586	240.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1096257	356.96	ug/L	0.00
21) 2-Butanone-d5	3.93	46	371702	391.65	ug/L	0.00
24) Chloroform-d	4.40	84	550695	222.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	369620	253.56	ug/L	0.00
32) Benzene-d6	5.10	84	1141214	193.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	340414	185.90	ug/L	0.00
41) Toluene-d8	7.36	98	1256185	224.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	194704	222.61	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	359970	397.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	704725	249.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	610195	235.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	308777	188.518	ug/L	96
3) Chloromethane	1.25	50	321949	198.927	ug/L	100
5) Vinyl chloride	1.32	62	433696	237.204	ug/L	97
6) Bromomethane	1.51	94	359885	320.074	ug/L	99
8) Chloroethane	1.57	64	374745	311.117	ug/L	95
9) Trichlorofluoromethane	1.75	101	998984	360.501	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	555897	343.409	ug/L	98
12) 1,1-Dichloroethene	2.13	96	489864	317.238	ug/L	89
13) Acetone	2.19	43	506222	512.556	ug/L	97
14) Carbon disulfide	2.31	76	674549	180.171	ug/L	100
15) Methyl Acetate	2.46	43	255504	178.357	ug/L	96
16) Methylene chloride	2.53	84	271476	185.349	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	255719	190.071	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	831647	211.337	ug/L	100
19) 1,1-Dichloroethane	3.23	63	482393	202.946	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	303893	204.446	ug/L	100
22) 2-Butanone	4.02	43	431324	371.903	ug/L	98
23) Bromochloromethane	4.30	128	148087	187.963	ug/L	96
25) Chloroform	4.43	83	519000	208.376	ug/L	99
27) 1,2-Dichloroethane	5.18	62	454333	250.547	ug/L	99
29) Cyclohexane	4.72	56	455869	189.625	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	459292	190.427	ug/L	98
31) Carbon tetrachloride	4.87	117	412418	193.819	ug/L	99
33) Benzene	5.15	78	1201774	188.025	ug/L	100
34) Trichloroethene	5.96	95	288915	171.689	ug/L	97
35) Methylcyclohexane	6.18	83	511154	193.863	ug/L	98
37) 1,2-Dichloropropane	6.22	63	300646	184.193	ug/L	100
38) Bromodichloromethane	6.56	83	414069	197.484	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	519563	199.230	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	960344	425.211	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1618041	230.683	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	526528	232.867	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	321363	191.922	ug/L	99
46) Tetrachloroethene	8.02	164	255757	183.657	ug/L	99
48) 2-Hexanone	8.19	43	849352	453.853	ug/L	99
49) Dibromochloromethane	8.29	129	412449	224.082	ug/L	96
50) 1,2-Dibromoethane	8.40	107	367887	200.128	ug/L	99
51) Chlorobenzene	8.93	112	1058329	227.789	ug/L	99
52) Ethylbenzene	9.06	91	2003531	261.886	ug/L	100
53) m,p-Xylene	9.18	106	823936	279.985	ug/L	98
54) o-xylene	9.59	106	834696	285.936	ug/L	98
55) Styrene	9.61	104	1530431	311.264	ug/L	96
56) Isopropylbenzene	9.98	105	2235888	297.523	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	669919	230.343	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	485464	219.654	ug/L	99
61) Bromoform	9.78	173	348849	224.369	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	893499	221.534	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	932109	221.900	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	983450	237.135	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	116817	176.558	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	634169	205.211	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	525359	196.365	ug/L	99
69) Naphthalene	13.55	128	1688857	203.055	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	548979	196.778	ug/L	98

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

