

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012727.D
 Acq On : 13 Sep 2019 09:59
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Sep 13 18:26:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	857239	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	836094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	415507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	237264	48.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	210618	48.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	461773	48.86	ug/L	0.00
21) 2-Butanone-d5	3.92	46	467150	92.72	ug/L	0.00
24) Chloroform-d	4.40	84	576712	47.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	346746	47.48	ug/L	0.00
32) Benzene-d6	5.10	84	1074260	48.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	369398	46.92	ug/L	0.00
41) Toluene-d8	7.36	98	1020370	49.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	156743	47.79	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	293010	97.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	476568	47.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	448480	47.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	286918	49.993	ug/L 100
3) Chloromethane	1.25	50	290818	48.562	ug/L 100
5) Vinyl chloride	1.32	62	295896	49.417	ug/L 100
6) Bromomethane	1.52	94	174064	51.685	ug/L 100
8) Chloroethane	1.60	64	188167	50.307	ug/L 100
9) Trichlorofluoromethane	1.77	101	420225	50.014	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	261839	50.481	ug/L 100
12) 1,1-Dichloroethene	2.14	96	225049	49.804	ug/L 100
13) Acetone	2.18	43	428969	103.148	ug/L 100
14) Carbon disulfide	2.32	76	486191	49.304	ug/L 100
15) Methyl Acetate	2.45	43	316316	47.916	ug/L 100
16) Methylene chloride	2.53	84	289961	48.906	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	241418	48.877	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	833764	48.938	ug/L 100
19) 1,1-Dichloroethane	3.23	63	523242	49.008	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	298491	48.842	ug/L 100
22) 2-Butanone	4.01	43	538153	104.151	ug/L 100
23) Bromochloromethane	4.30	128	153516	49.444	ug/L 100
25) Chloroform	4.42	83	550688	49.097	ug/L 100
27) 1,2-Dichloroethane	5.18	62	414267	49.348	ug/L 100
29) Cyclohexane	4.73	56	401840	50.627	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	427616	48.912	ug/L 100
31) Carbon tetrachloride	4.87	117	367601	48.834	ug/L 100
33) Benzene	5.14	78	1131731	49.763	ug/L 100
34) Trichloroethene	5.96	95	321233	48.591	ug/L 100
35) Methylcyclohexane	6.18	83	431561	51.749	ug/L 100
37) 1,2-Dichloropropane	6.22	63	319157	48.799	ug/L 100
38) Bromodichloromethane	6.55	83	410350	48.742	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	456021	49.802	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	910216	100.561	ug/L 100

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42) Toluene	7.43	91	1218925	51.611	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	401221	49.699	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	309599	48.518	ug/L	100
46) Tetrachloroethene	8.02	164	226645	49.425	ug/L	100
48) 2-Hexanone	8.18	43	765368	102.842	ug/L	100
49) Dibromochloromethane	8.29	129	331434	49.571	ug/L	100
50) 1,2-Dibromoethane	8.39	107	300283	48.848	ug/L	100
51) Chlorobenzene	8.92	112	795901	49.187	ug/L	100
52) Ethylbenzene	9.05	91	1342154	51.693	ug/L	100
53) m,p-Xylene	9.18	106	501305	52.428	ug/L	100
54) o-xylene	9.59	106	507898	52.323	ug/L	100
55) Styrene	9.60	104	890293	54.074	ug/L	100
56) Isopropylbenzene	9.97	105	1353717	53.077	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	426538	48.953	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	405514	48.713	ug/L	100
61) Bromoform	9.77	173	236726	47.181	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	637968	49.709	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	643943	48.914	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	659797	48.895	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	81548	45.268	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	466978	49.252	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	390330	48.724	ug/L	100
69) Naphthalene	13.55	128	1207070	52.121	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	445940	51.280	ug/L	100

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

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