

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013867.D
 Acq On : 02 Dec 2019 12:36
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Dec 03 01:27:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 01:23:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	710218	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	660932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	423542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199316	48.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	214751	60.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	445433	58.78	ug/L	0.00
21) 2-Butanone-d5	3.92	46	310741	102.67	ug/L	0.00
24) Chloroform-d	4.40	84	435738	49.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	272479	47.03	ug/L	0.00
32) Benzene-d6	5.09	84	872896	49.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	259450	46.38	ug/L	0.00
41) Toluene-d8	7.35	98	812856	50.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	127559	49.19	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	201520	99.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	393357	54.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	398092	47.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	301568	51.199	ug/L 100
3) Chloromethane	1.25	50	275531	49.815	ug/L 100
5) Vinyl chloride	1.32	62	285321	53.945	ug/L 100
6) Bromomethane	1.53	94	172985	64.614	ug/L 100
8) Chloroethane	1.60	64	192361	61.963	ug/L 100
9) Trichlorofluoromethane	1.77	101	451178	61.622	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	256418	61.894	ug/L 100
12) 1,1-Dichloroethene	2.14	96	245005	62.085	ug/L 100
13) Acetone	2.18	43	394219	129.762	ug/L 100
14) Carbon disulfide	2.32	76	633923	48.927	ug/L 100
15) Methyl Acetate	2.45	43	248393	48.698	ug/L 100
16) Methylene chloride	2.53	84	257552	51.122	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	239475	51.445	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	727166	51.583	ug/L 100
19) 1,1-Dichloroethane	3.23	63	430229	49.284	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	269135	52.844	ug/L 100
22) 2-Butanone	4.00	43	401636	107.313	ug/L 100
23) Bromochloromethane	4.29	128	142933	52.984	ug/L 100
25) Chloroform	4.42	83	456540	50.315	ug/L 100
27) 1,2-Dichloroethane	5.17	62	339531	49.468	ug/L 100
29) Cyclohexane	4.72	56	393246	52.278	ug/L 100
30) 1,1,1-Trichloroethane	4.65	97	393568	53.152	ug/L 100
31) Carbon tetrachloride	4.87	117	350932	53.108	ug/L 100
33) Benzene	5.14	78	991580	52.976	ug/L 100
34) Trichloroethene	5.96	95	261139	52.131	ug/L 100
35) Methylcyclohexane	6.17	83	400475	52.302	ug/L 100
37) 1,2-Dichloropropane	6.22	63	239902	49.308	ug/L 100
38) Bromodichloromethane	6.55	83	329983	51.094	ug/L 100
39) cis-1,3-Dichloropropene	7.06	75	374662	50.302	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	617350	99.756	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1031550	53.060	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	336519	52.082	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	236688	51.371	ug/L	100
46) Tetrachloroethene	8.01	164	233776	54.168	ug/L	100
48) 2-Hexanone	8.17	43	476397	98.083	ug/L	100
49) Dibromochloromethane	8.29	129	282779	52.960	ug/L	100
50) 1,2-Dibromoethane	8.39	107	254866	52.267	ug/L	100
51) Chlorobenzene	8.92	112	682062	52.297	ug/L	100
52) Ethylbenzene	9.05	91	1129566	53.384	ug/L	100
53) m,p-Xylene	9.18	106	446246	55.236	ug/L	100
54) o-xylene	9.58	106	457899	58.360	ug/L	100
55) Styrene	9.60	104	810309	59.455	ug/L	100
56) Isopropylbenzene	9.97	105	1282102	61.291	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	396281	55.954	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	330736	56.033	ug/L	100
61) Bromoform	9.77	173	246721	50.110	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	664421	51.769	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	681054	51.047	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	660677	51.393	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	90339	50.762	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	519713	51.614	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	453587	51.179	ug/L	100
69) Naphthalene	13.55	128	1238889	52.323	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	493917	52.218	ug/L	100

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

