

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012200.D
 Acq On : 12 Aug 2019 11:17
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Aug 12 14:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 14:00:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	454687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	430789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214928	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33026	17.26	ug/L	0.00
7) Chloroethane-d5	1.58	69	29563	21.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	58508	16.24	ug/L	0.00
21) 2-Butanone-d5	3.93	46	54633	46.74	ug/L	0.00
24) Chloroform-d	4.40	84	73154	17.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	46108	19.03	ug/L	0.00
32) Benzene-d6	5.10	84	143728	18.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	44884	19.71	ug/L	0.00
41) Toluene-d8	7.36	98	128841	17.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	21701	18.13	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	31635	34.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64704	20.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	54617	18.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	32430	8.323 ug/L	100
3) Chloromethane	1.25	50	28792	9.934 ug/L	93
5) Vinyl chloride	1.32	62	29550	10.794 ug/L	93
6) Bromomethane	1.53	94	16627	10.514 ug/L	97
8) Chloroethane	1.60	64	17112	11.688 ug/L	99
9) Trichlorofluoromethane	1.77	101	39839	9.053 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23457	10.894 ug/L	97
12) 1,1-Dichloroethene	2.14	96	21380	10.758 ug/L #	76
13) Acetone	2.18	43	34874	26.249 ug/L	95
14) Carbon disulfide	2.32	76	66367	9.554 ug/L	99
15) Methyl Acetate	2.46	43	25579	9.868 ug/L	98
16) Methylene chloride	2.53	84	27020	9.317 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	24360	8.882 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	68031	7.830 ug/L	98
19) 1,1-Dichloroethane	3.23	63	45396	9.297 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	26853	8.659 ug/L	94
22) 2-Butanone	4.01	43	37729	19.586 ug/L	96
23) Bromochloromethane	4.30	128	13757	8.204 ug/L	96
25) Chloroform	4.42	83	47572	8.812 ug/L	98
27) 1,2-Dichloroethane	5.18	62	33330	7.941 ug/L	99
29) Cyclohexane	4.72	56	36052	8.587 ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	39864	8.071 ug/L	98
31) Carbon tetrachloride	4.87	117	35435	7.730 ug/L	98
33) Benzene	5.14	78	100145	9.036 ug/L	100
34) Trichloroethene	5.96	95	26002	8.720 ug/L	96
35) Methylcyclohexane	6.18	83	40852	8.571 ug/L	98
37) 1,2-Dichloropropane	6.22	63	24030	8.935 ug/L #	97
38) Bromodichloromethane	6.55	83	33148	8.154 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	36089	7.953 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	61257	17.531 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	100382	8.231	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	32696	7.940	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	24517	8.441	ug/L	97
46) Tetrachloroethene	8.02	164	22843	8.133	ug/L	97
48) 2-Hexanone	8.18	43	47146	17.527	ug/L	98
49) Dibromochloromethane	8.29	129	26860	7.446	ug/L	96
50) 1,2-Dibromoethane	8.40	107	25569	8.075	ug/L #	99
51) Chlorobenzene	8.92	112	70664	8.559	ug/L	99
52) Ethylbenzene	9.05	91	108640	8.000	ug/L	100
53) m,p-Xylene	9.18	106	40832	7.618	ug/L	98
54) o-xylene	9.59	106	38764	7.363	ug/L	96
55) Styrene	9.60	104	63425	7.159	ug/L	94
56) Isopropylbenzene	9.97	105	102060	7.361	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	38916	8.621	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	30622	8.557	ug/L	98
61) Bromoform	9.77	173	18034	6.782	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	53231	8.164	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	56623	8.653	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	53783	8.199	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7614	7.553	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	39128	7.622	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	29376	6.926	ug/L	94
69) Naphthalene	13.55	128	64681	5.466	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	29079	6.533	ug/L	95

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

