

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080619\
 Data File : VV012107.D
 Acq On : 06 Aug 2019 10:22
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010641

Quant Time: Aug 06 17:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 17:52:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	299100	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	272645	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	140825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14658	8.97	ug/L	0.00
7) Chloroethane-d5	1.57	69	10854	9.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	25312	8.93	ug/L	0.00
21) 2-Butanone-d5	3.93	46	21515	18.06	ug/L	0.00
24) Chloroform-d	4.40	84	38177	9.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	24565	9.32	ug/L	0.00
32) Benzene-d6	5.10	84	72002	9.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	20197	8.89	ug/L	0.00
41) Toluene-d8	7.36	98	69515	9.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	11580	8.96	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	17119	18.14	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	29108	9.09	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	31268	9.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	21047	9.963 ug/L	98
3) Chloromethane	1.25	50	15436	10.290 ug/L	99
5) Vinyl chloride	1.32	62	13929	9.620 ug/L	97
6) Bromomethane	1.52	94	8081	9.613 ug/L	91
8) Chloroethane	1.59	64	7758	10.231 ug/L	97
9) Trichlorofluoromethane	1.77	101	23023	9.780 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11187	9.694 ug/L	98
12) 1,1-Dichloroethene	2.14	96	10426	9.594 ug/L	95
13) Acetone	2.19	43	15496	19.078 ug/L	99
14) Carbon disulfide	2.32	76	35744	9.734 ug/L	99
15) Methyl Acetate	2.46	43	13368	9.406 ug/L	100
16) Methylene chloride	2.53	84	16748	10.158 ug/L	93
17) trans-1,2-Dichloroethene	2.79	96	14811	9.652 ug/L	96
18) Methyl tert-butyl Ether	2.80	73	51698	9.805 ug/L	99
19) 1,1-Dichloroethane	3.23	63	27647	9.880 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	17533	9.701 ug/L	96
22) 2-Butanone	4.02	43	20057	19.161 ug/L #	65
23) Bromochloromethane	4.30	128	10031	10.093 ug/L	87
25) Chloroform	4.43	83	31822	10.032 ug/L	93
27) 1,2-Dichloroethane	5.18	62	23106	9.373 ug/L	100
29) Cyclohexane	4.73	56	22788	9.995 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	28892	9.976 ug/L #	88
31) Carbon tetrachloride	4.87	117	25987	9.672 ug/L	99
33) Benzene	5.15	78	61975	9.875 ug/L	100
34) Trichloroethene	5.96	95	16979	9.733 ug/L	97
35) Methylcyclohexane	6.18	83	25478	9.813 ug/L	97
37) 1,2-Dichloropropane	6.22	63	14715	9.612 ug/L #	96
38) Bromodichloromethane	6.56	83	23670	9.829 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	25511	9.452 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	39237	19.915 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080619\
 Data File : VV012107.D
 Acq On : 06 Aug 2019 10:22
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010641

Quant Time: Aug 06 17:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 17:52:34 2019
 Response via : Initial Calibration

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

42) Toluene	7.43	91	69191	9.922	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	24445	9.595	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	16727	10.137	ug/L	96
46) Tetrachloroethene	8.02	164	15863	9.760	ug/L	91
48) 2-Hexanone	8.18	43	29217	19.670	ug/L	98
49) Dibromochloromethane	8.29	129	20594	9.617	ug/L	99
50) 1,2-Dibromoethane	8.40	107	17995	9.860	ug/L #	98
51) Chlorobenzene	8.92	112	46885	9.972	ug/L	99
52) Ethylbenzene	9.05	91	75805	9.688	ug/L	98
53) m,p-Xylene	9.18	106	29059	9.627	ug/L	97
54) o-Xylene	9.59	106	29238	9.761	ug/L	100
55) Styrene	9.60	104	48044	9.521	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.28	83	24986	9.846	ug/L #	97
59) Bromoform	9.77	173	15902	9.627	ug/L	94
60) Isopropylbenzene	9.97	105	78842	10.227	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	19830	10.370	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	65463	9.911	ug/L	97
63) 1,2,4-Trimethylbenzene	10.96	105	64709	9.750	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	38088	9.792	ug/L	95
65) 1,4-Dichlorobenzene	11.31	146	38471	9.785	ug/L	97
67) 1,2-Dichlorobenzene	11.69	146	39901	10.054	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.48	75	6453	10.239	ug/L	88
69) 1,3,5-Trichlorobenzene	12.69	180	30652	9.721	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	23480	8.588	ug/L	98
71) Naphthalene	13.55	128	55191	7.965	ug/L	98
72) 1,2,3-Trichlorobenzene	13.79	180	24370	8.858	ug/L	96

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

