

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013865.D
 Acq On : 02 Dec 2019 11:47
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Dec 03 01:26:13 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	694954	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	662313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	355154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19973	4.96	ug/L	0.00
7) Chloroethane-d5	1.58	69	21086	6.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	46353	6.25	ug/L	0.00
21) 2-Butanone-d5	3.93	46	21965	7.42	ug/L	0.01
24) Chloroform-d	4.40	84	39616	4.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	26659	4.70	ug/L	0.00
32) Benzene-d6	5.10	84	81749	4.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	23560	4.20	ug/L	0.00
41) Toluene-d8	7.36	98	69011	4.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	11403	4.39	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	15255	7.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	34833	4.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	36513	5.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34218	5.937 ug/L	99
3) Chloromethane	1.25	50	31976	5.908 ug/L	98
5) Vinyl chloride	1.32	62	32420	6.264 ug/L #	79
6) Bromomethane	1.53	94	20357	7.771 ug/L	98
8) Chloroethane	1.60	64	21262	6.999 ug/L	96
9) Trichlorofluoromethane	1.77	101	51388	7.173 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28559	7.045 ug/L	98
12) 1,1-Dichloroethene	2.14	96	29673	7.684 ug/L	89
13) Acetone	2.18	43	52261	17.580 ug/L	93
14) Carbon disulfide	2.32	76	77832	6.139 ug/L	99
15) Methyl Acetate	2.46	43	25984	5.206 ug/L	99
16) Methylene chloride	2.53	84	29736	6.032 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	27961	6.139 ug/L	99
18) Methyl tert-butyl Ether	2.80	73	70948	5.143 ug/L	98
19) 1,1-Dichloroethane	3.23	63	49711	5.820 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	27890	5.596 ug/L	95
22) 2-Butanone	4.02	43	40756	11.129 ug/L	89
23) Bromochloromethane	4.29	128	16171	6.126 ug/L	91
25) Chloroform	4.42	83	56169	6.326 ug/L	98
27) 1,2-Dichloroethane	5.18	62	36613	5.452 ug/L	99
29) Cyclohexane	4.72	56	38254	5.075 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	43116	5.811 ug/L	98
31) Carbon tetrachloride	4.87	117	37801	5.709 ug/L	97
33) Benzene	5.14	78	102454	5.462 ug/L	100
34) Trichloroethene	5.96	95	28475	5.673 ug/L	95
35) Methylcyclohexane	6.17	83	39396	5.134 ug/L	98
37) 1,2-Dichloropropane	6.22	63	23877	4.897 ug/L #	96
38) Bromodichloromethane	6.55	83	36028	5.567 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	35233	4.721 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	63187	10.189 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013865.D
 Acq On : 02 Dec 2019 11:47
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Dec 03 01:26:13 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)
42) Toluene	7.43	91	101007	5.185	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	33637	5.195	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	24770	5.365	ug/L	94
46) Tetrachloroethene	8.02	164	25033	5.788	ug/L	96
48) 2-Hexanone	8.18	43	51956	10.675	ug/L #	93
49) Dibromochloromethane	8.28	129	29269	5.470	ug/L	99
50) 1,2-Dibromoethane	8.39	107	27585	5.645	ug/L	97
51) Chlorobenzene	8.92	112	76830	5.879	ug/L	99
52) Ethylbenzene	9.05	91	113127	5.335	ug/L	97
53) m,p-Xylene	9.18	106	41347	5.107	ug/L	91
54) o-xylene	9.58	106	39370	5.007	ug/L	96
55) Styrene	9.60	104	64936	4.755	ug/L	98
56) Isopropylbenzene	9.97	105	105896	5.052	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	39024	5.499	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	34504	5.833	ug/L	97
61) Bromoform	9.77	173	23595	5.715	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	65014	6.041	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	68365	6.111	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	66365	6.156	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.47	75	8882	5.952	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	53090	6.288	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	48934	6.585	ug/L	99
69) Naphthalene	13.55	128	134835	6.791	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	54352	6.853	ug/L	97

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

