

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012156.D
 Acq On : 09 Aug 2019 16:28
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Aug 10 04:50:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318344	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	292265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5830	2.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	3651	1.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	10695	1.31	ug/L	0.00
21) 2-Butanone-d5	3.94	46	5051	3.95	ug/L	0.01
24) Chloroform-d	4.40	84	12797	3.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7031	2.60	ug/L	0.00
32) Benzene-d6	5.10	84	22382	3.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6430	2.92	ug/L	0.00
41) Toluene-d8	7.36	98	21787	3.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3418	3.31	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	4190	4.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8337	2.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	9828	3.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12675	4.519	ug/L 99
3) Chloromethane	1.25	50	7932	2.824	ug/L 99
5) Vinyl chloride	1.32	62	7311	1.979	ug/L 93
6) Bromomethane	1.53	94	4590	1.501	ug/L 85
8) Chloroethane	1.60	64	4063	1.439	ug/L 98
9) Trichlorofluoromethane	1.77	101	13826	1.775	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6227	1.471	ug/L 93
12) 1,1-Dichloroethene	2.14	96	5429	1.444	ug/L 94
13) Acetone	2.18	43	8586	5.252	ug/L 86
14) Carbon disulfide	2.32	76	20372	3.628	ug/L 99
15) Methyl Acetate	2.46	43	7285	3.352	ug/L 95
16) Methylene chloride	2.53	84	8783	3.673	ug/L 92
17) trans-1,2-Dichloroethene	2.79	96	7978	3.576	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	25122	3.712	ug/L 97
19) 1,1-Dichloroethane	3.23	63	14709	3.654	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	8843	3.552	ug/L 86
22) 2-Butanone	4.02	43	9836	6.008	ug/L 89
23) Bromochloromethane	4.30	128	4842	3.815	ug/L 94
25) Chloroform	4.42	83	16497	3.748	ug/L 100
27) 1,2-Dichloroethane	5.18	62	12668	3.537	ug/L 99
29) Cyclohexane	4.72	56	11252	3.550	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	14911	4.483	ug/L 100
31) Carbon tetrachloride	4.88	117	13752	4.703	ug/L 99
33) Benzene	5.14	78	31735	3.737	ug/L 100
34) Trichloroethene	5.96	95	8526	3.972	ug/L 95
35) Methylcyclohexane	6.18	83	13782	3.903	ug/L 96
37) 1,2-Dichloropropane	6.22	63	7793	3.601	ug/L 98
38) Bromodichloromethane	6.55	83	11779	4.184	ug/L # 98
39) cis-1,3-Dichloropropene	7.07	75	12077	3.802	ug/L 91
40) 4-Methyl-2-pentanone	7.27	43	17949	6.170	ug/L 98

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

42) Toluene	7.43	91	33819	3.504	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	10520	3.546	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	8454	3.925	ug/L	98
46) Tetrachloroethene	8.02	164	8306	4.591	ug/L	86
48) 2-Hexanone	8.18	43	13207	6.075	ug/L	98
49) Dibromochloromethane	8.29	129	10412	4.412	ug/L	93
50) 1,2-Dibromoethane	8.40	107	9067	3.945	ug/L	100
51) Chlorobenzene	8.92	112	23604	3.660	ug/L	94
52) Ethylbenzene	9.05	91	36580	3.357	ug/L	97
53) m,p-Xylene	9.18	106	15199	3.572	ug/L	97
54) o-xylene	9.59	106	14674	3.395	ug/L	98
55) Styrene	9.60	104	23198	3.231	ug/L	96
56) Isopropylbenzene	9.97	105	38558	3.474	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	12379	3.245	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	10611	3.640	ug/L	96
61) Bromoform	9.77	173	8427	4.741	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	19367	3.765	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	19546	3.670	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	18869	3.499	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2900	4.078	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	15297	4.293	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	11331	3.923	ug/L	99
69) Naphthalene	13.55	128	27162	3.529	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	12418	4.245	ug/L	97

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

