

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012199.D
 Acq On : 12 Aug 2019 10:47
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Aug 12 14:03:35 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	496345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	474682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15945	7.64	ug/L	0.00
7) Chloroethane-d5	1.58	69	13604	9.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	29802	7.58	ug/L	0.00
21) 2-Butanone-d5	3.93	46	22790	17.86	ug/L	0.01
24) Chloroform-d	4.40	84	34764	7.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	21774	8.23	ug/L	0.00
32) Benzene-d6	5.10	84	67660	7.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	20578	8.20	ug/L	0.00
41) Toluene-d8	7.36	98	59306	7.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	9895	7.50	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	12766	12.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30035	8.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	25530	7.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	23784	5.592 ug/L	98
3) Chloromethane	1.25	50	22119	6.991 ug/L	100
5) Vinyl chloride	1.32	62	22650	7.579 ug/L	94
6) Bromomethane	1.53	94	12164	7.046 ug/L	98
8) Chloroethane	1.60	64	12742	7.973 ug/L	92
9) Trichlorofluoromethane	1.77	101	30327	6.313 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	17339	7.377 ug/L	97
12) 1,1-Dichloroethene	2.14	96	16476	7.595 ug/L	93
13) Acetone	2.18	43	32929	22.705 ug/L	97
14) Carbon disulfide	2.32	76	53351	7.035 ug/L	99
15) Methyl Acetate	2.46	43	20286	7.169 ug/L	99
16) Methylene chloride	2.53	84	19920	6.292 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	19096	6.378 ug/L	96
18) Methyl tert-butyl Ether	2.80	73	52697	5.556 ug/L	97
19) 1,1-Dichloroethane	3.23	63	33618	6.307 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	19943	5.891 ug/L	95
22) 2-Butanone	4.01	43	33009	15.697 ug/L	94
23) Bromochloromethane	4.30	128	10760	5.878 ug/L	88
25) Chloroform	4.42	83	34869	5.917 ug/L	95
27) 1,2-Dichloroethane	5.18	62	25877	5.648 ug/L	96
29) Cyclohexane	4.72	56	27011	5.839 ug/L	94
30) 1,1,1-Trichloroethane	4.65	97	29643	5.447 ug/L	96
31) Carbon tetrachloride	4.87	117	26118	5.170 ug/L	99
33) Benzene	5.15	78	72970	5.975 ug/L	100
34) Trichloroethene	5.96	95	20719	6.306 ug/L	98
35) Methylcyclohexane	6.17	83	29459	5.609 ug/L	97
37) 1,2-Dichloropropane	6.22	63	18410	6.212 ug/L	99
38) Bromodichloromethane	6.55	83	24534	5.477 ug/L #	94
39) cis-1,3-Dichloropropene	7.07	75	25757	5.151 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	45576	11.837 ug/L	98

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

42) Toluene	7.43	91	74724	5.561	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	24530	5.406	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	17993	5.622	ug/L	95
46) Tetrachloroethene	8.02	164	16890	5.458	ug/L	98
48) 2-Hexanone	8.18	43	40806	13.767	ug/L	97
49) Dibromochloromethane	8.29	129	19257	4.845	ug/L	99
50) 1,2-Dibromoethane	8.40	107	18924	5.424	ug/L #	97
51) Chlorobenzene	8.92	112	50813	5.586	ug/L	92
52) Ethylbenzene	9.05	91	81058	5.417	ug/L	100
53) m,p-Xylene	9.18	106	30603	5.182	ug/L	98
54) o-xylene	9.59	106	27923	4.813	ug/L	97
55) Styrene	9.60	104	48113	4.929	ug/L	100
56) Isopropylbenzene	9.97	105	76976	5.038	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	29569	5.945	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	23323	5.915	ug/L	98
61) Bromoform	9.78	173	13728	4.822	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	41079	5.885	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	43333	6.185	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	42339	6.029	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6060	5.615	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	30092	5.475	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	22521	4.960	ug/L	98
69) Naphthalene	13.55	128	56770	4.481	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	26034	5.464	ug/L	96

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

