

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013866.D
 Acq On : 02 Dec 2019 12:11
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:13 AM

Quant Time: Dec 03 01:31:41 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	694869	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	657695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	372524	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41625	10.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	45297	12.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	91868	12.39	ug/L	0.00
21) 2-Butanone-d5	3.94	46	51370m	17.35	ug/L	0.02
24) Chloroform-d	4.40	84	85303	9.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	55631	9.81	ug/L	0.00
32) Benzene-d6	5.10	84	172677	9.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	53217	9.56	ug/L	0.00
41) Toluene-d8	7.36	98	152435	9.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24007	9.30	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	31991	15.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	69054	9.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	77519	10.52	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	65715	11.403	ug/L	97
3) Chloromethane	1.25	50	59518	10.998	ug/L	98
5) Vinyl chloride	1.32	62	59770	11.550	ug/L	89
6) Bromomethane	1.53	94	36824	14.058	ug/L	99
8) Chloroethane	1.60	64	42576	14.017	ug/L	97
9) Trichlorofluoromethane	1.77	101	96518	13.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	55990	13.813	ug/L	97
12) 1,1-Dichloroethene	2.14	96	51467	13.330	ug/L	96
13) Acetone	2.18	43	87515	29.443	ug/L	94
14) Carbon disulfide	2.32	76	136338	10.755	ug/L	99
15) Methyl Acetate	2.46	43	55492	11.120	ug/L	97
16) Methylene chloride	2.54	84	54976	11.153	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	49910	10.959	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	142688	10.345	ug/L	98
19) 1,1-Dichloroethane	3.23	63	92605	10.842	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	52876m	10.611	ug/L	
22) 2-Butanone	4.02	43	74563	20.363	ug/L	87
23) Bromochloromethane	4.30	128	30994	11.743	ug/L	99
25) Chloroform	4.42	83	99929	11.256	ug/L	96
27) 1,2-Dichloroethane	5.18	62	71364	10.627	ug/L	97
29) Cyclohexane	4.73	56	72424	9.675	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	80052	10.864	ug/L	99
31) Carbon tetrachloride	4.87	117	70985	10.795	ug/L	99
33) Benzene	5.15	78	195790	10.512	ug/L	100
34) Trichloroethene	5.96	95	54106	10.854	ug/L	95
35) Methylcyclohexane	6.17	83	71690	9.409	ug/L	93
37) 1,2-Dichloropropane	6.22	63	48431	10.003	ug/L #	93
38) Bromodichloromethane	6.55	83	67049	10.433	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	70521	9.515	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	111856	18.163	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	197920	10.231	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	64432	10.021	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46140	10.064	ug/L	96
46) Tetrachloroethene	8.02	164	47970	11.170	ug/L	97
48) 2-Hexanone	8.18	43	87705	18.146	ug/L	98
49) Dibromochloromethane	8.29	129	59037	11.111	ug/L	98
50) 1,2-Dibromoethane	8.39	107	52991	10.921	ug/L	94
51) Chlorobenzene	8.92	112	138204	10.649	ug/L	98
52) Ethylbenzene	9.05	91	209376	9.944	ug/L	100
53) m,p-Xylene	9.18	106	80467	10.009	ug/L	100
54) o-xylene	9.58	106	78713	10.081	ug/L	98
55) Styrene	9.60	104	133187	9.820	ug/L	97
56) Isopropylbenzene	9.97	105	205521	9.873	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	73571	10.439	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	62424	10.628	ug/L	98
61) Bromoform	9.77	173	45759	10.567	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	127009	11.251	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	131212	11.182	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	128156	11.334	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17815	11.381	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	102255	11.546	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	86082	11.043	ug/L	99
69) Naphthalene	13.55	128	196286	9.425	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	89115	10.712	ug/L	99

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

