

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013175.D
 Acq On : 17 Oct 2019 16:37
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 4:09:16 PM

Quant Time: Oct 18 02:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	482112	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	507536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	273537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50761	1.03	ug/L	0.00
7) Chloroethane-d5	1.59	69	36910	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	71859	0.99	ug/L	0.00
20) 2-Butanone-d5	3.99	46	74757m	7.54	ug/L	0.03
24) Chloroform-d	4.40	84	81126	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	38899	1.00	ug/L	0.00
32) Benzene-d6	5.10	84	158136	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	48546	0.93	ug/L	0.00
41) Toluene-d8	7.36	98	137966	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	15769	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	58188	7.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36039	0.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	50756	0.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	53068	1.376 ug/L	95
3) Chloromethane	1.25	50	57394	1.390 ug/L	96
5) Vinyl chloride	1.32	62	56161	1.241 ug/L	96
6) Bromomethane	1.54	94	33902	1.475 ug/L	97
8) Chloroethane	1.60	64	29393	1.235 ug/L	99
9) Trichlorofluoromethane	1.77	101	70977	1.278 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	39347	1.220 ug/L	94
12) 1,1-Dichloroethene	2.14	96	36674	1.232 ug/L	91
13) Acetone	2.23	43	59128m	10.525 ug/L	
14) Carbon disulfide	2.32	76	121433	1.637 ug/L	99
15) Methyl Acetate	2.48	43	10729	0.761 ug/L #	80
16) Methylene chloride	2.54	84	76733	2.043 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	78414	0.983 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	44841	1.303 ug/L	98
19) 1,1-Dichloroethane	3.23	63	81052	1.193 ug/L	96
21) 2-Butanone	4.06	43	68250	7.587 ug/L #	65
22) cis-1,2-Dichloroethene	3.96	96	43353	1.162 ug/L #	96
23) Bromochloromethane	4.30	128	18574	1.131 ug/L	94
25) Chloroform	4.43	83	88315	1.179 ug/L	98
27) 1,2-Dichloroethane	5.19	62	45678	1.137 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	64321	1.078 ug/L	99
30) Cyclohexane	4.72	56	64271	1.186 ug/L	97
31) Carbon tetrachloride	4.88	117	57811	1.125 ug/L	96
33) Benzene	5.15	78	170097	1.121 ug/L	100
34) Trichloroethene	5.96	95	45128	1.157 ug/L	95
35) Methylcyclohexane	6.17	83	64141	1.154 ug/L	98
37) 1,2-Dichloropropane	6.23	63	41130	1.028 ug/L #	93
38) Bromodichloromethane	6.55	83	53698	1.036 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	49652	0.924 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	204195	8.314 ug/L	96

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42) Toluene	7.43	91	167353	1.055	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	39735	0.940	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	29705	1.016	ug/L	95
47) Tetrachloroethene	8.02	164	38482	1.190	ug/L	91
48) 2-Hexanone	8.19	43	140659	7.912	ug/L	95
49) Dibromochloromethane	8.29	129	33602	0.988	ug/L	95
50) 1,2-Dibromoethane	8.40	107	25701	1.029	ug/L	98
51) Chlorobenzene	8.92	112	112482	1.060	ug/L	100
52) Ethylbenzene	9.05	91	171202	1.006	ug/L	99
53) m,p-xylene	9.18	106	61675	0.970	ug/L	97
54) o-xylene	9.59	106	59215	0.955	ug/L	97
55) Styrene	9.60	104	92971	0.883	ug/L	99
56) Isopropylbenzene	9.97	105	153907	0.929	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	35056	0.968	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	25069	0.992	ug/L	96
61) Bromoform	9.77	173	18437	0.923	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	80726	0.911	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	80886	0.900	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	78044	0.909	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	5237	0.907	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	58294	0.863	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	46308	0.842	ug/L	99
69) Naphthalene	13.55	128	58747	0.713	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	43536	0.809	ug/L	100

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

