

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013249.D
 Acq On : 21 Oct 2019 17:23
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Oct 22 01:55:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 01:49:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	484396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	506484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	784437	16.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	623561	16.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1325721	17.62	ug/L	0.00
20) 2-Butanone-d5	3.94	46	1587016	166.46	ug/L	-0.05
24) Chloroform-d	4.40	84	1753146	18.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	797922	17.91	ug/L	0.00
32) Benzene-d6	5.10	84	3629904	19.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	1072673	18.93	ug/L	-0.01
41) Toluene-d8	7.36	98	3506888	20.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	414042	20.34	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1517406	187.58	ug/L	-0.01
57) 1,1,2,2-Tetrachloroethane-	10.26	84	770917	18.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1344418	19.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1125755	18.835	ug/L 99
3) Chloromethane	1.25	50	998849	17.687	ug/L 99
5) Vinyl chloride	1.32	62	1027888	20.403	ug/L 100
6) Bromomethane	1.53	94	568057	20.145	ug/L 99
8) Chloroethane	1.60	64	565429	19.413	ug/L 100
9) Trichlorofluoromethane	1.77	101	1380625	19.176	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	822301	20.041	ug/L 100
12) 1,1-Dichloroethene	2.14	96	784132	20.007	ug/L 98
13) Acetone	2.21	43	694931	146.588	ug/L # 67
14) Carbon disulfide	2.31	76	2266114	20.311	ug/L 100
15) Methyl Acetate	2.46	43	261074	23.625	ug/L 95
16) Methylene chloride	2.53	84	1006465	21.022	ug/L 94
17) Methyl tert-butyl Ether	2.80	73	2115910	21.001	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	1051418	21.293	ug/L 91
19) 1,1-Dichloroethane	3.23	63	1863732	21.301	ug/L 97
21) 2-Butanone	4.03	43	1852379	170.198	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	1127898	22.141	ug/L # 88
23) Bromochloromethane	4.30	128	479773	20.279	ug/L 98
25) Chloroform	4.42	83	1875054	19.243	ug/L 99
27) 1,2-Dichloroethane	5.18	62	1040659	19.477	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	1622909	20.772	ug/L 99
30) Cyclohexane	4.72	56	1822751	22.727	ug/L 100
31) Carbon tetrachloride	4.87	117	1479213	21.391	ug/L 99
33) Benzene	5.14	78	4239991	20.885	ug/L 100
34) Trichloroethene	5.96	95	1120281	21.193	ug/L 99
35) Methylcyclohexane	6.17	83	1942570	24.115	ug/L 97
37) 1,2-Dichloropropane	6.22	63	1028818	20.646	ug/L 99
38) Bromodichloromethane	6.55	83	1297983	20.486	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	1540816	23.107	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	5090271	191.472	ug/L 95

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42) Toluene	7.43	91	4589031	21.959	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	1151882	22.516	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	686603	19.954	ug/L	97
47) Tetrachloroethene	8.02	164	1022357	21.951	ug/L	99
48) 2-Hexanone	8.18	43	3502513	182.475	ug/L	98
49) Dibromochloromethane	8.29	129	894116	21.671	ug/L	99
50) 1,2-Dibromoethane	8.39	107	648272	20.843	ug/L	98
51) Chlorobenzene	8.92	112	2925495	21.660	ug/L	98
52) Ethylbenzene	9.05	91	5054876	23.279	ug/L	100
53) m,p-xylene	9.18	106	2003268	24.364	ug/L	99
54) o-xylene	9.58	106	1905626	24.032	ug/L	98
55) Styrene	9.60	104	3254138	24.413	ug/L	99
56) Isopropylbenzene	9.97	105	5039767	24.096	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	806950	20.289	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	600227	20.745	ug/L	98
61) Bromoform	9.77	173	537936	19.920	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	2517637	21.091	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	2516017	21.075	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	2291691	20.312	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	121745	17.289	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	1896108	21.656	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1742072	23.040	ug/L	100
69) Naphthalene	13.55	128	2778470	24.103	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1627463	21.688	ug/L	99

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

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