

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011802.D
 Acq On : 02 Jul 2019 11:41
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Jul 03 07:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 07:50:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	88911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	254504	18.28	ug/L	0.00
7) Chloroethane-d5	1.58	69	191464	20.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	497577	18.66	ug/L	0.00
20) 2-Butanone-d5	3.96	46	682223	178.83	ug/L	-0.02
24) Chloroform-d	4.40	84	514997	19.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	263993	18.07	ug/L	0.00
32) Benzene-d6	5.10	84	999515	18.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	304741	18.18	ug/L	0.00
41) Toluene-d8	7.36	98	938143	19.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	122144	21.63	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	567284	181.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	222172	17.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	330433	18.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	354396	20.787	ug/L 98
3) Chloromethane	1.25	50	341269	18.853	ug/L 99
5) Vinyl chloride	1.32	62	333647	18.848	ug/L 99
6) Bromomethane	1.54	94	174136	22.295	ug/L 99
8) Chloroethane	1.60	64	183290	20.310	ug/L 100
9) Trichlorofluoromethane	1.77	101	433102	21.312	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	242766	21.136	ug/L 98
12) 1,1-Dichloroethene	2.14	96	228892	19.717	ug/L 94
13) Acetone	2.22	43	420839	162.896	ug/L 99
14) Carbon disulfide	2.32	76	659574	20.955	ug/L 100
15) Methyl Acetate	2.47	43	105905	15.821	ug/L 92
16) Methylene chloride	2.53	84	235038	17.853	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	618120	18.235	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	263218	20.131	ug/L 98
19) 1,1-Dichloroethane	3.23	63	519332	19.214	ug/L 99
21) 2-Butanone	4.04	43	748579	182.450	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	289086	19.554	ug/L 100
23) Bromochloromethane	4.30	128	116077	19.683	ug/L 97
25) Chloroform	4.43	83	520176	19.119	ug/L 98
27) 1,2-Dichloroethane	5.18	62	334957	17.701	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	452938	20.326	ug/L 99
30) Cyclohexane	4.72	56	500237	21.332	ug/L 99
31) Carbon tetrachloride	4.87	117	393463	21.491	ug/L 100
33) Benzene	5.15	78	1125664	19.266	ug/L 100
34) Trichloroethene	5.96	95	292757	19.654	ug/L 97
35) Methylcyclohexane	6.17	83	508921	23.120	ug/L 97
37) 1,2-Dichloropropane	6.22	63	288999	18.556	ug/L 99
38) Bromodichloromethane	6.56	83	354952	20.169	ug/L 96
39) cis-1,3-Dichloropropene	7.07	75	435358	22.099	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	1865634	172.973	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1227451	20.122	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	338529	22.435	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	184444	17.970	ug/L	98
47) Tetrachloroethene	8.02	164	230840	21.056	ug/L	99
48) 2-Hexanone	8.19	43	1333766	175.887	ug/L	99
49) Dibromochloromethane	8.29	129	219893	21.202	ug/L	100
50) 1,2-Dibromoethane	8.40	107	174398	18.766	ug/L	99
51) Chlorobenzene	8.92	112	755181	20.093	ug/L	98
52) Ethylbenzene	9.05	91	1393919	21.547	ug/L	99
53) m,p-xylene	9.18	106	522840	22.074	ug/L	97
54) o-xylene	9.59	106	505715	21.420	ug/L	99
55) Styrene	9.60	104	866612	22.098	ug/L	99
56) Isopropylbenzene	9.97	105	1370829	22.491	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	226944	18.115	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	163829	17.178	ug/L	99
61) Bromoform	9.77	173	108757	19.474	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	592198	20.431	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	595140	20.203	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	549079	19.054	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	34499	16.913	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	460815	21.448	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	389146	22.552	ug/L	99
69) Naphthalene	13.55	128	682681	20.885	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	352229	21.166	ug/L	100

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

