

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014713.D
 Acq On : 28 Feb 2020 16:57
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Feb 28 22:42:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 28 22:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270123	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	263376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	226819	13.45	ug/L	0.00
7) Chloroethane-d5	1.58	69	172363	14.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	372533	14.56	ug/L	0.00
20) 2-Butanone-d5	3.97	46	494535	142.74	ug/L	0.00
24) Chloroform-d	4.40	84	406790	11.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	201121	12.76	ug/L	0.00
32) Benzene-d6	5.10	84	811643	10.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	252696	11.03	ug/L	0.00
41) Toluene-d8	7.35	98	753858	10.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	101721	10.89	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	415889	120.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	176436	11.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	267334	10.82	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	282276	12.076	ug/L	98
3) Chloromethane	1.25	50	256785	13.487	ug/L	100
5) Vinyl chloride	1.32	62	240519	12.898	ug/L	98
6) Bromomethane	1.54	94	135774	18.284	ug/L	98
8) Chloroethane	1.60	64	131980	13.816	ug/L	100
9) Trichlorofluoromethane	1.77	101	321807	13.187	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	169883	12.874	ug/L	98
12) 1,1-Dichloroethene	2.14	96	163988	13.381	ug/L	95
13) Acetone	2.24	43	282672	126.290	ug/L	# 47
14) Carbon disulfide	2.32	76	552870	9.878	ug/L	99
15) Methyl Acetate	2.48	43	76766	14.021	ug/L	# 90
16) Methylene chloride	2.53	84	190570	8.875	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	446015	10.823	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	194821	10.111	ug/L	99
19) 1,1-Dichloroethane	3.23	63	384591	10.808	ug/L	99
21) 2-Butanone	4.05	43	510375	132.395	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	209710	10.101	ug/L	95
23) Bromochloromethane	4.30	128	85455	10.856	ug/L	92
25) Chloroform	4.42	83	370808	10.441	ug/L	100
27) 1,2-Dichloroethane	5.18	62	222611	11.301	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	327634	10.272	ug/L	100
30) Cyclohexane	4.72	56	367407	10.020	ug/L	99
31) Carbon tetrachloride	4.87	117	284829	10.434	ug/L	100
33) Benzene	5.14	78	821502	9.845	ug/L	100
34) Trichloroethene	5.95	95	211329	9.701	ug/L	95
35) Methylcyclohexane	6.17	83	362923	9.629	ug/L	98
37) 1,2-Dichloropropane	6.22	63	206280	9.897	ug/L	100
38) Bromodichloromethane	6.55	83	254605	10.050	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	318147	10.280	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	1271484	108.920	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	881531	9.900	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	242956	10.268	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	133861	9.968	ug/L	98
47) Tetrachloroethene	8.01	164	171761	10.666	ug/L	97
48) 2-Hexanone	8.18	43	926479	113.345	ug/L	100
49) Dibromochloromethane	8.29	129	154616	9.717	ug/L	99
50) 1,2-Dibromoethane	8.39	107	125285	10.038	ug/L	96
51) Chlorobenzene	8.92	112	550399	9.956	ug/L	99
52) Ethylbenzene	9.05	91	1010455	10.109	ug/L	100
53) m,p-xylene	9.18	106	372627	10.060	ug/L	99
54) o-xylene	9.58	106	360064	9.948	ug/L	97
55) Styrene	9.60	104	620403	10.357	ug/L	98
56) Isopropylbenzene	9.97	105	993426	10.393	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	169452	10.698	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	120455	10.352	ug/L	97
61) Bromoform	9.77	173	80842	9.738	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	449088	9.900	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	450356	9.962	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	410618	10.029	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	25609	8.148	ug/L	97
67) 1,3,5-Trichlorobenzene	12.68	180	366567	10.682	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	316716	11.013	ug/L	98
69) Naphthalene	13.54	128	522705	10.461	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	280090	11.159	ug/L	100

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

