

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014714.D
 Acq On : 28 Feb 2020 17:21
 Operator : SY/MD
 Sample : VSTD02036
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02036

Quant Time: Feb 28 22:42:34 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	282102	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	272523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	461160	26.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	356795	28.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	790597	29.58	ug/L	0.00
20) 2-Butanone-d5	3.96	46	1074253	296.91	ug/L	-0.01
24) Chloroform-d	4.40	84	838728	23.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	413433	25.12	ug/L	0.00
32) Benzene-d6	5.09	84	1677299	21.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	523481	22.09	ug/L	0.00
41) Toluene-d8	7.35	98	1560259	21.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	216368	22.38	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	891748	248.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	381988	23.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	568033	21.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	682469	27.957	ug/L 100
3) Chloromethane	1.25	50	627052	31.537	ug/L 100
5) Vinyl chloride	1.32	62	590526	30.323	ug/L 99
6) Bromomethane	1.54	94	326979	42.163	ug/L 98
8) Chloroethane	1.60	64	311809	31.254	ug/L 99
9) Trichlorofluoromethane	1.77	101	781377	30.661	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	417686	30.309	ug/L 98
12) 1,1-Dichloroethene	2.14	96	402626	31.457	ug/L 91
13) Acetone	2.24	43	683339	292.333	ug/L # 43
14) Carbon disulfide	2.32	76	1358262	23.237	ug/L 98
15) Methyl Acetate	2.48	43	212414	37.148	ug/L 98
16) Methylene chloride	2.53	84	458079	20.427	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	1111324	25.822	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	475784	23.644	ug/L 98
19) 1,1-Dichloroethane	3.23	63	926343	24.926	ug/L 100
21) 2-Butanone	4.05	43	1336034	331.861	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	519924	23.979	ug/L 96
23) Bromochloromethane	4.30	128	205183	24.960	ug/L 97
25) Chloroform	4.42	83	898104	24.215	ug/L 100
27) 1,2-Dichloroethane	5.18	62	555990	27.026	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	797298	24.158	ug/L 99
30) Cyclohexane	4.72	56	918003	24.195	ug/L 99
31) Carbon tetrachloride	4.87	117	704494	24.940	ug/L 99
33) Benzene	5.14	78	2004336	23.215	ug/L 100
34) Trichloroethene	5.96	95	518855	23.018	ug/L 97
35) Methylcyclohexane	6.17	83	910633	23.350	ug/L 99
37) 1,2-Dichloropropane	6.22	63	518057	24.021	ug/L 100
38) Bromodichloromethane	6.55	83	645099	24.610	ug/L 99
39) cis-1,3-Dichloropropene	7.06	75	802037	25.047	ug/L 98
40) 4-Methyl-2-pentanone	7.27	43	3188583	263.978	ug/L 99

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42) Toluene	7.43	91	2154155	23.380	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	624106	25.490	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	330838	23.809	ug/L	98
47) Tetrachloroethene	8.01	164	421766	25.312	ug/L	96
48) 2-Hexanone	8.18	43	2299012	271.820	ug/L	99
49) Dibromochloromethane	8.29	129	406472	24.687	ug/L	99
50) 1,2-Dibromoethane	8.39	107	312677	24.210	ug/L	96
51) Chlorobenzene	8.92	112	1363904	23.844	ug/L	99
52) Ethylbenzene	9.05	91	2505173	24.221	ug/L	100
53) m,p-xylene	9.18	106	939439	24.510	ug/L	99
54) o-xylene	9.58	106	907939	24.243	ug/L	99
55) Styrene	9.60	104	1555818	25.100	ug/L	97
56) Isopropylbenzene	9.97	105	2476424	25.038	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	422738	25.794	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	304286	25.272	ug/L	98
61) Bromoform	9.77	173	220554	25.391	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1135192	23.917	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1125794	23.802	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1020816	23.829	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	70533	21.448	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	930929	25.928	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	812351	26.998	ug/L	98
69) Naphthalene	13.54	128	1382094	26.436	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	715372	27.239	ug/L	100

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

