

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022221\
 Data File : VW020354.D
 Acq On : 22 Feb 2021 11:59
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Feb 22 12:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Feb 22 11:48:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	329439	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	319933	5.00 ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	177919	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	442135	25.78 ug/L	0.00
7) Chloroethane-d5	1.568	69	344975	26.39 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	845003	22.85 ug/L	0.00
20) 2-Butanone-d5	3.889	46	793123	209.96 ug/L	0.00
24) Chloroform-d	4.352	84	796586	20.67 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	380348	19.41 ug/L	0.00
32) Benzene-d6	5.053	84	1556870	21.24 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	455319	22.26 ug/L	0.00
41) Toluene-d8	7.320	98	1539290	21.93 ug/L	0.00
45) trans-1,3-Dichloroprop...	7.625	79	195027	21.96 ug/L	0.00
48) 2-Hexanone-d5	8.092	63	715607	254.87 ug/L	0.00
59) 1,1,2,2-Tetrachloroeth...	10.220	84	331880	23.55 ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.632	152	616122	22.25 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	768313	21.13 ug/L	100
3) Chloromethane	1.240	50	660437	25.68 ug/L	95
5) Vinyl chloride	1.310	62	719432	27.39 ug/L	99
6) Bromomethane	1.523	94	455698	27.19 ug/L	99
8) Chloroethane	1.587	64	423163	27.65 ug/L	97
9) Trichlorofluoromethane	1.754	101	1005290	22.97 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	535115	25.36 ug/L	99
12) 1,1-Dichloroethene	2.117	96	514266	26.51 ug/L	92
13) Acetone	2.182	43	609582	204.75 ug/L #	32
14) Carbon disulfide	2.294	76	1624826	27.29 ug/L	98
15) Methyl Acetate	2.436	43	157149	25.95 ug/L #	87
16) Methylene chloride	2.507	84	511007	23.87 ug/L	98
17) Methyl tert-butyl Ether	2.770	73	1092890	23.31 ug/L #	95
18) trans-1,2-Dichloroethene	2.761	96	553818	26.35 ug/L	98
19) 1,1-Dichloroethane	3.191	63	953372	22.49 ug/L	97
21) 2-Butanone	3.973	43	1045369	210.51 ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	588827	23.30 ug/L	97
23) Bromochloromethane	4.249	128	254062	22.16 ug/L	89
25) Chloroform	4.378	83	1006488	21.37 ug/L	97
27) 1,2-Dichloroethane	5.133	62	577990	19.60 ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	906344	20.07 ug/L	98
30) Cyclohexane	4.683	56	851441	23.12 ug/L	98
31) Carbon tetrachloride	4.831	117	783076	19.58 ug/L	100
33) Benzene	5.101	78	2179071	22.82 ug/L	100
34) Trichloroethene	5.918	95	595195	22.38 ug/L	99
35) Methylcyclohexane	6.137	83	939385	23.59 ug/L	96
37) 1,2-Dichloropropane	6.178	63	519961	22.98 ug/L	98
38) Bromodichloromethane	6.513	83	680573	21.13 ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	801230	23.85 ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2564340	216.80 ug/L	94
42) Toluene	7.391	91	2430010	23.37 ug/L	100
43) 1,3,5-Trimethylbenzene	10.545	105	2424132	25.25 ug/L	100

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44) 1,2,4-Trimethylbenzene	10.921	105	2471759	25.20	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	661133	22.61	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	364862	21.89	ug/L	91
49) Tetrachloroethene	7.979	164	509089	21.93	ug/L	96
50) 2-Hexanone	8.143	43	1824358	219.60	ug/L	92
51) Dibromochloromethane	8.252	129	462654	22.26	ug/L	97
52) 1,2-Dibromoethane	8.355	107	351609	22.50	ug/L	99
53) Chlorobenzene	8.886	112	1581457	22.93	ug/L	99
54) Ethylbenzene	9.018	91	2750169	23.70	ug/L	99
55) m,p-xylene	9.143	106	1067746	24.51	ug/L	99
56) o-xylene	9.548	106	1028682	24.33	ug/L	96
57) Styrene	9.564	104	1754024	24.81	ug/L	95
58) Isopropylbenzene	9.937	105	2799574	24.10	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.246	83	407034	22.60	ug/L	98
62) Bromoform	9.735	173	251485	22.38	ug/L	99
63) 1,3-Dichlorobenzene	11.188	146	1360472	22.86	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	1348246	22.54	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	1223655	22.69	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	67664	21.42	ug/L	95
68) 1,3,5-Trichlorobenzene	12.651	180	1145571	23.60	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	946462	23.73	ug/L	98
70) Naphthalene	13.509	128	1461450	26.49	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	816222	23.20	ug/L	97

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

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