

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020384.D
 Acq On : 23 Feb 2021 15:45
 Operator : SY/MD
 Sample : VSTD02063
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020701

Quant Time: Feb 24 02:53:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 02:49:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	325815	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	316656	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	180010	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	389603	17.20 ug/L	0.00
7) Chloroethane-d5	1.568	69	308155	15.97 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	764629	22.27 ug/L	0.00
20) 2-Butanone-d5	3.899	46	773548	168.59 ug/L	0.00
24) Chloroform-d	4.352	84	744408	17.05 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	352453	16.38 ug/L	0.00
32) Benzene-d6	5.053	84	1441228	17.43 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	423493	17.42 ug/L	0.00
41) Toluene-d8	7.320	98	1428150	18.53 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	179692	19.73 ug/L	0.00
46) 2-Hexanone-d5	8.091	63	700827	189.34 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	320429	19.48 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.631	152	589873	19.03 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.127	85	773142	22.70 ug/L	99
3) Chloromethane	1.240	50	633084	19.51 ug/L	99
5) Vinyl chloride	1.310	62	694917	21.85 ug/L	100
6) Bromomethane	1.523	94	438106	23.34 ug/L	98
8) Chloroethane	1.584	64	396559	21.21 ug/L	98
9) Trichlorofluoromethane	1.751	101	1005881	25.32 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	542397	25.84 ug/L	100
12) 1,1-Dichloroethene	2.117	96	513949	25.62 ug/L	97
13) Acetone	2.198	43	603996	216.41 ug/L	100
14) Carbon disulfide	2.294	76	1560067	22.07 ug/L	100
15) Methyl Acetate	2.439	43	153850	18.97 ug/L	97
16) Methylene chloride	2.506	84	497437	19.81 ug/L	96
17) Methyl tert-butyl Ether	2.770	73	1058120	20.74 ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	538316	21.60 ug/L	98
19) 1,1-Dichloroethane	3.191	63	922307	20.75 ug/L	99
21) 2-Butanone	3.982	43	1034739	199.48 ug/L	99
22) cis-1,2-Dichloroethene	3.911	96	570474	22.05 ug/L	100
23) Bromochloromethane	4.252	128	249671	22.25 ug/L	97
25) Chloroform	4.378	83	977967	21.12 ug/L	99
27) 1,2-Dichloroethane	5.133	62	556411	20.40 ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	890977	21.56 ug/L	99
30) Cyclohexane	4.680	56	853557	21.84 ug/L	98
31) Carbon tetrachloride	4.831	117	786505	21.81 ug/L	100
33) Benzene	5.101	78	2112626	21.60 ug/L	100
34) Trichloroethene	5.915	95	585119	21.60 ug/L	99
35) Methylcyclohexane	6.136	83	952062	23.38 ug/L	98
37) 1,2-Dichloropropane	6.175	63	501492	21.21 ug/L	100
38) Bromodichloromethane	6.513	83	664466	21.54 ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	770464	23.63 ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	2503291	196.05 ug/L	98
42) Toluene	7.390	91	2389576	22.77 ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	648073	23.72 ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	360412	21.68	ug/L	99
47) Tetrachloroethene	7.979	164	514886	22.16	ug/L	98
48) 2-Hexanone	8.143	43	1785352	200.59	ug/L	99
49) Dibromochloromethane	8.252	129	458102	23.11	ug/L	98
50) 1,2-Dibromoethane	8.355	107	350385	22.20	ug/L	100
51) Chlorobenzene	8.886	112	1564977	22.58	ug/L	100
52) Ethylbenzene	9.017	91	2720890	23.22	ug/L	98
53) m,p-xylene	9.143	106	1057035	24.00	ug/L	100
54) o-xylene	9.548	106	1024663	24.19	ug/L	97
55) Styrene	9.564	104	1737183	24.18	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	401454	22.99	ug/L	99
59) Bromoform	9.738	173	252110	23.25	ug/L	99
60) Isopropylbenzene	9.937	105	2784884	24.41	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	304955	22.92	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	2421627	25.62	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	2455051	25.39	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	1367764	23.01	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	1352180	22.58	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	1237381	23.17	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	68175	22.57	ug/L	96
69) 1,3,5-Trichlorobenzene	12.654	180	1154476	22.77	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	975695	23.89	ug/L	99
71) Naphthalene	13.509	128	1476171	26.55	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	839151	23.20	ug/L	99

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

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