

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024719.D
 Acq On : 17 Feb 2022 13:29
 Operator : SY/MD
 Sample : VSTD02012
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020218

Quant Time: Feb 18 07:08:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	185727	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	311964	19.866	ug/L	0.00
7) Chloroethane-d5	1.568	69	243257	18.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	545088	16.466	ug/L	0.00
20) 2-Butanone-d5	3.886	46	489705	191.928	ug/L	0.00
24) Chloroform-d	4.349	84	489215	18.357	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	217366	18.002	ug/L	0.00
32) Benzene-d6	5.050	84	1021895	20.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	298480	19.351	ug/L	0.00
41) Toluene-d8	7.314	98	955956	20.586	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	113381	18.822	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	459708	213.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	189625	20.771	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	299681	21.370	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	344923	15.002	ug/L	100
3) Chloromethane	1.243	50	340262	14.942	ug/L	99
5) Vinyl chloride	1.314	62	379342	15.364	ug/L	99
6) Bromomethane	1.523	94	224201	14.950	ug/L	99
8) Chloroethane	1.587	64	221146	14.603	ug/L	100
9) Trichlorofluoromethane	1.754	101	476030	14.431	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	280361	15.148	ug/L	100
12) 1,1-Dichloroethene	2.121	96	268123	14.673	ug/L	97
13) Acetone	2.185	43	300086	148.895	ug/L	97
14) Carbon disulfide	2.294	76	803352	14.001	ug/L	100
15) Methyl Acetate	2.436	43	80402	13.985	ug/L	99
16) Methylene chloride	2.507	84	261195	14.400	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	560573	15.040	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	276283	15.426	ug/L	98
19) 1,1-Dichloroethane	3.191	63	499993	16.131	ug/L	99
21) 2-Butanone	3.970	43	531557	164.410	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	298186	16.531	ug/L	97
23) Bromochloromethane	4.246	128	112451	16.362	ug/L	97
25) Chloroform	4.375	83	510944	15.766	ug/L	99
27) 1,2-Dichloroethane	5.130	62	278101	15.658	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	453678	16.493	ug/L	99
30) Cyclohexane	4.680	56	473127	16.713	ug/L	99
31) Carbon tetrachloride	4.828	117	386023	16.603	ug/L	99
33) Benzene	5.098	78	1155872	17.496	ug/L	100
34) Trichloroethene	5.912	95	301253	16.678	ug/L	97
35) Methylcyclohexane	6.130	83	509847	17.168	ug/L	100
37) 1,2-Dichloropropane	6.172	63	279271	17.449	ug/L	98
38) Bromodichloromethane	6.510	83	352280	16.703	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	418774	17.485	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1354603	166.048	ug/L	98
42) Toluene	7.387	91	1283074	17.858	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	341463	17.351	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	178530	17.248	ug/L	99
47) Tetrachloroethene	7.976	164	207077	17.146	ug/L	99
48) 2-Hexanone	8.137	43	952478	170.199	ug/L	97
49) Dibromochloromethane	8.246	129	216449	17.557	ug/L	100
50) 1,2-Dibromoethane	8.352	107	169485	17.529	ug/L	100
51) Chlorobenzene	8.879	112	780793	17.715	ug/L	98
52) Ethylbenzene	9.011	91	1417376	17.799	ug/L	100
53) m,p-xylene	9.137	106	542841	18.018	ug/L	99
54) o-xylene	9.542	106	527993	18.057	ug/L	99
55) Styrene	9.558	104	886239	18.434	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	200752	19.037	ug/L	96
59) Bromoform	9.728	173	98238	18.689	ug/L	98
60) Isopropylbenzene	9.931	105	1422842	18.610	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	148190	17.902	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1222600	18.731	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1224462	18.852	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	590920	18.907	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	581437	18.747	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	517108	18.651	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	29975	18.712	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	425876	19.196	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	342584	19.291	ug/L	99
71) Naphthalene	13.500	128	609517	19.143	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	284707	19.047	ug/L	99

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

