

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027288.D
 Acq On : 11 Aug 2022 18:46
 Operator : SY/MD
 Sample : VSTD01010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010210

Quant Time: Aug 12 01:52:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:38:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	177472	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	155714	10.099	ug/L	0.00
7) Chloroethane-d5	1.561	69	107773	9.624	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	274906	9.831	ug/L	0.00
20) 2-Butanone-d5	3.879	46	267522	94.594	ug/L	0.00
24) Chloroform-d	4.342	84	279763	9.894	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	132439	9.831	ug/L	0.00
32) Benzene-d6	5.043	84	549872	10.301	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	164275	9.359	ug/L	0.00
41) Toluene-d8	7.313	98	516236	10.564	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	60158	10.523	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	250098	113.042	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	115392	9.664	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	168098	9.667	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	207999	9.862	ug/L	99
3) Chloromethane	1.236	50	194452	9.217	ug/L	99
5) Vinyl chloride	1.304	62	188917	9.601	ug/L	97
6) Bromomethane	1.513	94	83824	9.123	ug/L	96
8) Chloroethane	1.577	64	99811	9.123	ug/L	100
9) Trichlorofluoromethane	1.744	101	253675	9.656	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	120850	9.796	ug/L	98
12) 1,1-Dichloroethene	2.111	96	120511	9.429	ug/L	94
13) Acetone	2.166	43	181476	90.196	ug/L	86
14) Carbon disulfide	2.285	76	482958	9.438	ug/L	100
15) Methyl Acetate	2.429	43	45780	9.744	ug/L	93
16) Methylene chloride	2.500	84	157070	7.653	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	282077	9.456	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	143434	9.125	ug/L	97
19) 1,1-Dichloroethane	3.182	63	278037	9.238	ug/L	99
21) 2-Butanone	3.960	43	268601	108.740	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	149022	9.641	ug/L	97
23) Bromochloromethane	4.239	128	67122	9.290	ug/L	99
25) Chloroform	4.368	83	282703	9.142	ug/L	98
27) 1,2-Dichloroethane	5.127	62	160116	9.060	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	243946	9.580	ug/L	99
30) Cyclohexane	4.670	56	227071	11.007	ug/L	99
31) Carbon tetrachloride	4.821	117	213289	9.624	ug/L	100
33) Benzene	5.095	78	604380	9.772	ug/L	100
34) Trichloroethene	5.908	95	147025	9.551	ug/L	99
35) Methylcyclohexane	6.127	83	236234	11.146	ug/L	96
37) 1,2-Dichloropropane	6.169	63	156413	10.232	ug/L	98
38) Bromodichloromethane	6.506	83	185920	9.437	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	198766	10.637	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	826336	104.741	ug/L	99
42) Toluene	7.384	91	638669	10.350	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	166422	10.180	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	102580	9.412	ug/L	98
47) Tetrachloroethene	7.972	164	120251	9.947	ug/L	99
48) 2-Hexanone	8.136	43	597567	107.561	ug/L	99
49) Dibromochloromethane	8.242	129	121843	9.550	ug/L	100
50) 1,2-Dibromoethane	8.349	107	93392	9.638	ug/L	100
51) Chlorobenzene	8.879	112	392594	9.768	ug/L	98
52) Ethylbenzene	9.011	91	662771	10.690	ug/L	100
53) m,p-Xylene	9.136	106	261949	11.078	ug/L	98
54) o-Xylene	9.541	106	249570	10.790	ug/L	98
55) Styrene	9.558	104	444270	11.171	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	115150	9.478	ug/L	95
59) Bromoform	9.731	173	59305	8.729	ug/L	96
60) Isopropylbenzene	9.931	105	655302	10.327	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	84343	8.692	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	169668	9.674	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	535328	10.647	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	311534	9.825	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	305329	9.569	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	283792	9.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	17503	8.635	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	217218	9.500	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	165110	9.663	ug/L	100
71) Naphthalene	13.500	128	255870	9.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	156183	9.806	ug/L	98

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

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