

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027623.D
 Acq On : 31 Aug 2022 17:33
 Operator : SY/MD
 Sample : VSTD00120
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

Quant Time: Sep 01 01:18:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:15:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7826	0.540	ug/L	0.00
7) Chloroethane-d5	1.561	69	6388	0.526	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	16761	0.590	ug/L	0.00
20) 2-Butanone-d5	4.079	46	286	0.137	ug/L	0.18
24) Chloroform-d	4.346	84	14912	0.512	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6000	0.460	ug/L	0.00
32) Benzene-d6	5.050	84	24254	0.472	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7672	0.482	ug/L	0.00
41) Toluene-d8	7.320	98	19874	0.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2589	0.528	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	7030	3.814	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5306	0.518	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	6745	0.514	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	16553	0.910	ug/L	97
3) Chloromethane	1.240	50	16155	0.928	ug/L	96
5) Vinyl chloride	1.307	62	14733	0.888	ug/L	91
6) Bromomethane	1.516	94	7065	0.906	ug/L	99
8) Chloroethane	1.580	64	9644	1.040	ug/L	94
9) Trichlorofluoromethane	1.748	101	20609	0.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	10449	0.863	ug/L	96
12) 1,1-Dichloroethene	2.111	96	9528	0.855	ug/L	90
13) Acetone	2.195	43	10916	9.211	ug/L	85
14) Carbon disulfide	2.285	76	28795	0.818	ug/L	96
15) Methyl Acetate	2.439	43	5011	1.138	ug/L #	71
16) Methylene chloride	2.500	84	15183	1.080	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	19675	0.826	ug/L	95
18) trans-1,2-Dichloroethene	2.754	96	11082	0.877	ug/L	98
19) 1,1-Dichloroethane	3.185	63	22962	0.928	ug/L	99
21) 2-Butanone	4.021	43	13075	7.395	ug/L	78
22) cis-1,2-Dichloroethene	3.912	96	10060	0.798	ug/L	90
23) Bromochloromethane	4.246	128	5111	0.915	ug/L	97
25) Chloroform	4.375	83	23143	0.891	ug/L	98
27) 1,2-Dichloroethane	5.140	62	12737	0.898	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	19660	0.905	ug/L	99
30) Cyclohexane	4.674	56	14844	0.810	ug/L	99
31) Carbon tetrachloride	4.821	117	17397	0.936	ug/L	96
33) Benzene	5.098	78	39085	0.798	ug/L	100
34) Trichloroethene	5.915	95	11299	0.939	ug/L	95
35) Methylcyclohexane	6.124	83	14043	0.752	ug/L	94
37) 1,2-Dichloropropane	6.175	63	9860	0.797	ug/L	99
38) Bromodichloromethane	6.513	83	14138	0.904	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	11220	0.743	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	41079	7.474	ug/L	98
42) Toluene	7.387	91	37368	0.764	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	9647	0.784	ug/L	100

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

45) 1,1,2-Trichloroethane	7.844	97	6971	0.874	ug/L	98
47) Tetrachloroethene	7.972	164	8045	0.824	ug/L	91
48) 2-Hexanone	8.149	43	27713	6.824	ug/L	99
49) Dibromochloromethane	8.243	129	8330	0.881	ug/L	98
50) 1,2-Dibromoethane	8.355	107	5982	0.837	ug/L #	96
51) Chlorobenzene	8.882	112	26324	0.854	ug/L	98
52) Ethylbenzene	9.011	91	37697	0.761	ug/L	94
53) m,p-Xylene	9.140	106	13682	0.718	ug/L	93
54) o-Xylene	9.545	106	12962	0.713	ug/L	96
55) Styrene	9.564	104	22365	0.721	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	8263	0.937	ug/L #	97
59) Bromoform	9.731	173	3895	0.935	ug/L	99
60) Isopropylbenzene	9.931	105	36404	0.820	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	5330	0.899	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	10188	0.842	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	26305	0.756	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	18079	0.844	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	18050	0.848	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	16201	0.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	1058	0.896	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.644	180	12986	0.841	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	8870	0.779	ug/L	98
71) Naphthalene	13.503	128	12957	0.728	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8442	0.824	ug/L	95

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

