

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024240.D
 Acq On : 30 Dec 2021 14:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Dec 31 04:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	85936	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	88170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	56375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38793	6.002	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.000%		
7) Chloroethane-d5	1.568	69	28729	5.329	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2	2.111	63	87494	5.569	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 111.400%		
20) 2-Butanone-d5	3.892	46	51416	71.610	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 143.220%#		
24) Chloroform-d	4.343	84	77800	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.400%		
26) 1,2-Dichloroethane-d4	5.031	65	37029	6.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.600%		
32) Benzene-d6	5.043	84	138352	5.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.200%		
36) 1,2-Dichloropropane-d6	6.063	67	37759	5.789	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.800%		
41) Toluene-d8	7.313	98	140812	6.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.000%		
43) trans-1,3-Dichloroprop...	7.619	79	15800	5.721	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.400%		
46) 2-Hexanone-d5	8.085	63	60492	65.144	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 130.280%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30247	6.792	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 135.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	55405	5.654	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	110655	5.571	ug/L	99
3) Chloromethane	1.240	50	72267	4.814	ug/L	100
5) Vinyl chloride	1.311	62	79295	5.161	ug/L	93
6) Bromomethane	1.523	94	41047	4.188	ug/L	98
8) Chloroethane	1.584	64	49920	5.589	ug/L	96
9) Trichlorofluoromethane	1.754	101	142077	5.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	68420	5.708	ug/L	98
12) 1,1-Dichloroethene	2.118	96	63867	5.413	ug/L	91
13) Acetone	2.188	43	49175	48.258	ug/L	80
14) Carbon disulfide	2.294	76	196005	5.141	ug/L	100
15) Methyl Acetate	2.436	43	13404	5.298	ug/L #	85
16) Methylene chloride	2.503	84	66863	5.302	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	127354	5.338	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	66668	5.320	ug/L	99
19) 1,1-Dichloroethane	3.185	63	107161	5.137	ug/L	99
21) 2-Butanone	3.976	43	83194	62.052	ug/L	90
22) cis-1,2-Dichloroethene	3.905	96	66575	5.369	ug/L	96
23) Bromochloromethane	4.240	128	30553	5.155	ug/L #	89
25) Chloroform	4.368	83	122033	5.235	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70045	5.368	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	122869	5.526	ug/L	99
30) Cyclohexane	4.674	56	93375	5.645	ug/L	95
31) Carbon tetrachloride	4.822	117	116113	5.631	ug/L	98
33) Benzene	5.095	78	251222	5.431	ug/L	100
34) Trichloroethene	5.908	95	67564	5.176	ug/L	98
35) Methylcyclohexane	6.127	83	108392	5.734	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55309	5.186	ug/L	99
38) Bromodichloromethane	6.503	83	84698	5.542	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84816	5.486	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	282146	55.348	ug/L	96
42) Toluene	7.384	91	293439	5.685	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	74435	5.638	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	42454	5.369	ug/L	96
47) Tetrachloroethene	7.973	164	67068	5.775	ug/L	99
48) 2-Hexanone	8.137	43	201979	54.138	ug/L	98
49) Dibromochloromethane	8.243	129	60408	5.680	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42164	5.612	ug/L	96
51) Chlorobenzene	8.879	112	186725	5.460	ug/L	99
52) Ethylbenzene	9.008	91	311344	5.673	ug/L	98
53) m,p-xylene	9.137	106	128035	5.881	ug/L	99
54) o-xylene	9.542	106	121574	5.832	ug/L	99
55) Styrene	9.558	104	209139	5.955	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46264	6.037	ug/L	98
59) Bromoform	9.728	173	34019	5.599	ug/L	99
60) Isopropylbenzene	9.931	105	325007	5.453	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34380	5.154	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	273827	5.449	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	286101	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164940	5.341	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	161725	5.284	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	147430	5.274	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7394	5.140	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	131351	5.341	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	102111	5.392	ug/L	98
71) Naphthalene	13.500	128	143099	5.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	93084	5.589	ug/L	98

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

