

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026572.D
 Acq On : 27 Jun 2022 16:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: Jun 28 01:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	248752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	120275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	101090	5.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.584	69	83651	5.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.121	63	175053	4.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.400%		
20) 2-Butanone-d5	3.899	46	109373	54.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.980%		
24) Chloroform-d	4.355	84	157616	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.400%		
26) 1,2-Dichloroethane-d4	5.037	65	59789	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.000%		
32) Benzene-d6	5.053	84	313846	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.600%		
36) 1,2-Dichloropropane-d6	6.072	67	85725	4.752	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.000%		
41) Toluene-d8	7.313	98	297417	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...	7.622	79	24282	5.208	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.200%		
46) 2-Hexanone-d5	8.088	63	83230	46.863	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.720%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55729	4.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	87826	4.412	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 88.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	91849	4.849	ug/L	99
3) Chloromethane	1.256	50	93875	4.532	ug/L	99
5) Vinyl chloride	1.326	62	105960	4.804	ug/L	100
6) Bromomethane	1.535	94	54637	4.576	ug/L	96
8) Chloroethane	1.600	64	77102	5.140	ug/L	98
9) Trichlorofluoromethane	1.767	101	156246	5.080	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	92171	5.057	ug/L	99
12) 1,1-Dichloroethene	2.130	96	83517	4.971	ug/L	91
13) Acetone	2.191	43	84571	67.027	ug/L	100
14) Carbon disulfide	2.307	76	211560	4.773	ug/L	98
15) Methyl Acetate	2.449	43	21913	6.023	ug/L	96
16) Methylene chloride	2.519	84	113012	6.337	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	140156	5.118	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	85575	4.992	ug/L	96
19) 1,1-Dichloroethane	3.198	63	156931	5.098	ug/L	97
21) 2-Butanone	3.982	43	121482	64.001	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	89560	5.262	ug/L	93
23) Bromochloromethane	4.256	128	37719	5.381	ug/L	97
25) Chloroform	4.381	83	166752	5.064	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	76687	5.233	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	144921	5.157	ug/L	99
30) Cyclohexane	4.683	56	105522	4.743	ug/L	99
31) Carbon tetrachloride	4.834	117	123399	5.235	ug/L	97
33) Benzene	5.101	78	347049	5.204	ug/L	100
34) Trichloroethene	5.915	95	87636	4.999	ug/L	98
35) Methylcyclohexane	6.133	83	125035	4.821	ug/L	98
37) 1,2-Dichloropropane	6.175	63	83795	5.214	ug/L	99
38) Bromodichloromethane	6.509	83	101375	5.343	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	90590	5.608	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	305459	56.267	ug/L	97
42) Toluene	7.387	91	372127	5.406	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	72343	6.021	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	55665	5.492	ug/L	97
47) Tetrachloroethene	7.976	164	71144	5.097	ug/L	98
48) 2-Hexanone	8.136	43	221793	58.691	ug/L	97
49) Dibromochloromethane	8.243	129	59232	5.772	ug/L	97
50) 1,2-Dibromoethane	8.352	107	48055	5.333	ug/L	95
51) Chlorobenzene	8.879	112	235921	5.232	ug/L	98
52) Ethylbenzene	9.011	91	365241	5.130	ug/L	99
53) m,p-Xylene	9.136	106	149960	5.399	ug/L	96
54) o-Xylene	9.542	106	137290	5.266	ug/L	97
55) Styrene	9.558	104	239210	5.540	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	62130	5.490	ug/L	97
59) Bromoform	9.728	173	25957	5.856	ug/L	99
60) Isopropylbenzene	9.931	105	372082	5.016	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40912	5.253	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	284442	4.851	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	290571	5.026	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184210	5.106	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	178252	4.976	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155272	5.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6868	4.917	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	127101	4.899	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	86741	4.735	ug/L	98
71) Naphthalene	13.500	128	106748	4.467	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	71344	4.759	ug/L	98

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

