

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025462.D
 Acq On : 11 Apr 2022 19:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Apr 12 07:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53668	5.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.571	69	54517	5.207	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.111	63	111183	5.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.800%		
20) 2-Butanone-d5	3.895	46	81671	68.220	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 136.440%#		
24) Chloroform-d	4.352	84	87399	5.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.600%		
26) 1,2-Dichloroethane-d4	5.037	65	40834	6.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 127.400%		
32) Benzene-d6	5.053	84	165776	5.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
36) 1,2-Dichloropropane-d6	6.069	67	49253	5.758	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.200%		
41) Toluene-d8	7.317	98	152516	5.358	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
43) trans-1,3-Dichloroprop...	7.625	79	15388	5.352	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.000%		
46) 2-Hexanone-d5	8.088	63	60080	59.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.080%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32505	6.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 120.200%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	51007	5.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	49807	5.208	ug/L	100
3) Chloromethane	1.243	50	77280	7.437	ug/L	100
5) Vinyl chloride	1.314	62	73590	6.267	ug/L	99
6) Bromomethane	1.526	94	48967	5.783	ug/L	99
8) Chloroethane	1.587	64	56212	6.202	ug/L	98
9) Trichlorofluoromethane	1.754	101	95571	5.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	49337	5.325	ug/L	98
12) 1,1-Dichloroethene	2.121	96	53341	5.809	ug/L	87
13) Acetone	2.185	43	57724	71.039	ug/L	98
14) Carbon disulfide	2.297	76	115190	5.241	ug/L	100
15) Methyl Acetate	2.442	43	15150	8.389	ug/L #	88
16) Methylene chloride	2.510	84	50239	5.644	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96386	6.784	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	44538	5.789	ug/L	93
19) 1,1-Dichloroethane	3.191	63	83632	6.418	ug/L	95
21) 2-Butanone	3.982	43	83148	74.054	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	49954	6.167	ug/L	99
23) Bromochloromethane	4.252	128	23040	6.851	ug/L	98
25) Chloroform	4.378	83	89695	6.521	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50410	6.946	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	69647	5.571	ug/L	99
30) Cyclohexane	4.680	56	51198	4.504	ug/L	99
31) Carbon tetrachloride	4.831	117	55550	5.253	ug/L	99
33) Benzene	5.101	78	182433	5.826	ug/L	100
34) Trichloroethene	5.915	95	44825	5.391	ug/L	98
35) Methylcyclohexane	6.133	83	56672	4.272	ug/L	94
37) 1,2-Dichloropropane	6.175	63	44461	6.137	ug/L	100
38) Bromodichloromethane	6.510	83	56725	6.307	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53679	5.654	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	213837	73.720	ug/L	99
42) Toluene	7.387	91	187064	5.492	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	43885	5.950	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32985	6.799	ug/L	96
47) Tetrachloroethene	7.976	164	33061	5.079	ug/L	93
48) 2-Hexanone	8.140	43	153827	76.096	ug/L	97
49) Dibromochloromethane	8.246	129	34390	6.457	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28636	6.284	ug/L	100
51) Chlorobenzene	8.882	112	114948	5.285	ug/L	97
52) Ethylbenzene	9.011	91	176413	4.856	ug/L	97
53) m,p-Xylene	9.140	106	69582	5.037	ug/L	98
54) o-Xylene	9.542	106	67947	5.065	ug/L	97
55) Styrene	9.561	104	118141	5.415	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	32486	6.702	ug/L	99
59) Bromoform	9.731	173	14355	6.218	ug/L	97
60) Isopropylbenzene	9.931	105	175710	5.076	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26179	7.107	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	75324	4.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	135397	4.868	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	85438	5.287	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	84712	5.164	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	77999	5.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4197	6.590	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	58817	4.784	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	45072	4.755	ug/L	98
71) Naphthalene	13.500	128	73665	5.298	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	40758	5.193	ug/L	97

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

