

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025836.D
 Acq On : 04 May 2022 08:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

Quant Time: May 04 09:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	135499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74362	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	69951	4.829	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.571	69	69573	5.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.200%	
11) 1,1-Dichloroethene-d2	2.114	63	131131	4.765	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	3.895	46	121703	61.392	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.780%	
24) Chloroform-d	4.352	84	116005	5.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
26) 1,2-Dichloroethane-d4	5.037	65	55195	5.748	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	5.053	84	218349	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.072	67	68197	5.329	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.317	98	194218	4.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.625	79	20445	5.046	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.000%	
46) 2-Hexanone-d5	8.088	63	100244	63.490	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47435	5.870	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63983	4.905	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	62631	4.026	ug/L	99
3) Chloromethane	1.243	50	92281	5.094	ug/L	99
5) Vinyl chloride	1.314	62	87231	4.824	ug/L	99
6) Bromomethane	1.526	94	49574	5.035	ug/L	99
8) Chloroethane	1.587	64	63887	5.490	ug/L	99
9) Trichlorofluoromethane	1.757	101	106663	4.334	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	54591	4.113	ug/L	97
12) 1,1-Dichloroethene	2.121	96	60034	4.713	ug/L	93
13) Acetone	2.185	43	82037	62.877	ug/L	96
14) Carbon disulfide	2.297	76	154266	4.684	ug/L	99
15) Methyl Acetate	2.442	43	21574	6.908	ug/L #	85
16) Methylene chloride	2.510	84	63607	5.148	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	113589	5.866	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	54650	4.871	ug/L	98
19) 1,1-Dichloroethane	3.191	63	109867	5.490	ug/L	98
21) 2-Butanone	3.979	43	116270	66.601	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	60376	5.257	ug/L	93
23) Bromochloromethane	4.249	128	27525	5.860	ug/L	90
25) Chloroform	4.378	83	112911	5.405	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	65948	5.823	ug/L #	93
29) 1,1,1-Trichloroethane	4.609	97	88308	4.812	ug/L	98
30) Cyclohexane	4.680	56	65375	3.939	ug/L	96
31) Carbon tetrachloride	4.831	117	70207	4.481	ug/L	100
33) Benzene	5.101	78	238701	5.256	ug/L	100
34) Trichloroethene	5.915	95	54336	4.548	ug/L	97
35) Methylcyclohexane	6.133	83	70227	3.814	ug/L	93
37) 1,2-Dichloropropane	6.175	63	60056	5.443	ug/L	99
38) Bromodichloromethane	6.510	83	73507	5.374	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	64714	4.787	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	307088	66.994	ug/L	95
42) Toluene	7.387	91	236507	4.904	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	54742	5.078	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	40312	5.726	ug/L	98
47) Tetrachloroethene	7.976	164	40012	3.923	ug/L	94
48) 2-Hexanone	8.140	43	223535	69.149	ug/L #	95
49) Dibromochloromethane	8.246	129	42090	5.418	ug/L	95
50) 1,2-Dibromoethane	8.355	107	35737	5.754	ug/L	99
51) Chlorobenzene	8.882	112	144571	4.712	ug/L	98
52) Ethylbenzene	9.011	91	225734	4.518	ug/L	98
53) m,p-Xylene	9.140	106	86859	4.425	ug/L	95
54) o-Xylene	9.545	106	84662	4.547	ug/L	98
55) Styrene	9.561	104	152586	4.961	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	44714	5.965	ug/L	100
59) Bromoform	9.731	173	18179	5.199	ug/L	97
60) Isopropylbenzene	9.931	105	212383	4.243	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34318	5.766	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	89644	4.168	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	165302	4.205	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	105647	4.587	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	105950	4.506	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	101325	4.928	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6174	5.561	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	74642	4.318	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	56839	4.404	ug/L	99
71) Naphthalene	13.500	128	93331	5.094	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	52706	5.012	ug/L	97

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

