

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026091.D
 Acq On : 10 Jun 2022 06:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jun 10 07:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	173055	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	41012	4.037	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.580	69	47039	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.124	63	100364	4.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.918	46	105005	69.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.780%#
24) Chloroform-d	4.362	84	107870	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.043	65	46461	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.059	84	187781	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.075	67	64761	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.316	98	161996	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.628	79	15459	4.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	78896	49.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43060	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	58094	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	75271	4.419	ug/L	98
3) Chloromethane	1.252	50	96027	5.035	ug/L	100
5) Vinyl chloride	1.323	62	95000	4.770	ug/L	97
6) Bromomethane	1.535	94	56356	4.882	ug/L	99
8) Chloroethane	1.596	64	60139	4.910	ug/L	97
9) Trichlorofluoromethane	1.767	101	115002	4.530	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	60615	4.191	ug/L	98
12) 1,1-Dichloroethene	2.130	96	65779	4.725	ug/L	96
13) Acetone	2.214	43	74459	62.139	ug/L	79
14) Carbon disulfide	2.307	76	180002	4.532	ug/L	99
15) Methyl Acetate	2.455	43	19204	4.904	ug/L #	77
16) Methylene chloride	2.519	84	72661	5.239	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	121138	5.361	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	64258	4.895	ug/L	95
19) 1,1-Dichloroethane	3.204	63	126432	5.295	ug/L	98
21) 2-Butanone	4.005	43	112524	72.091	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	67741	5.236	ug/L	97
23) Bromochloromethane	4.259	128	28362	5.214	ug/L	96
25) Chloroform	4.384	83	128942	5.260	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	62837	5.185	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	104317	4.866	ug/L	99
30) Cyclohexane	4.686	56	83539	4.480	ug/L	98
31) Carbon tetrachloride	4.837	117	84476	4.798	ug/L	98
33) Benzene	5.108	78	268765	5.235	ug/L	100
34) Trichloroethene	5.918	95	83969	6.260	ug/L	98
35) Methylcyclohexane	6.136	83	82507	3.990	ug/L	99
37) 1,2-Dichloropropane	6.178	63	64810	5.208	ug/L	99
38) Bromodichloromethane	6.513	83	79448	5.285	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	69376	4.524	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	284844	56.037	ug/L	98
42) Toluene	7.390	91	275080	5.128	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	56060	4.667	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	43719	5.411	ug/L	99
47) Tetrachloroethene	7.976	164	46152	4.445	ug/L	97
48) 2-Hexanone	8.143	43	203416	56.377	ug/L	98
49) Dibromochloromethane	8.246	129	46010	5.216	ug/L	95
50) 1,2-Dibromoethane	8.352	107	37062	5.155	ug/L	96
51) Chlorobenzene	8.882	112	167717	4.803	ug/L	99
52) Ethylbenzene	9.011	91	263622	4.688	ug/L	100
53) m,p-Xylene	9.140	106	101332	4.662	ug/L	99
54) o-Xylene	9.545	106	99326	4.807	ug/L	99
55) Styrene	9.561	104	173961	5.027	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44869	5.187	ug/L	97
59) Bromoform	9.731	173	19997	5.323	ug/L	96
60) Isopropylbenzene	9.931	105	252951	4.753	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	33531	5.364	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	192096	4.558	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	193912	4.620	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	121714	4.814	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	121286	4.711	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	108996	4.874	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5736	5.164	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	77685	4.243	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	57563	4.217	ug/L	98
71) Naphthalene	13.499	128	88854	4.582	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50249	4.349	ug/L	95

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

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