

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034121.D
 Acq On : 09 Feb 2024 18:52
 Operator : SY/MD
 Sample : P1384-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC6MS

Quant Time: Feb 09 23:17:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	74027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25085	4.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	21094	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.060	65	12338	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.790	46	45822	47.589	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	4.253	84	48756	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	24010	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	88976	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.992	67	23973	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.243	98	84358	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	10536	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.024	63	37942	48.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16908	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30278	4.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31737	4.678	ug/L	98
3) Chloromethane	1.217	50	33191	4.485	ug/L	97
5) Vinyl chloride	1.285	62	34273	4.847	ug/L	89
6) Bromomethane	1.487	94	18199	4.887	ug/L	98
8) Chloroethane	1.552	64	21557	4.469	ug/L	99
9) Trichlorofluoromethane	1.716	101	55581	5.455	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27582	5.178	ug/L	99
12) 1,1-Dichloroethene	2.073	96	26478	5.120	ug/L	95
13) Acetone	2.114	43	37678	51.579	ug/L #	38
14) Carbon disulfide	2.243	76	73358	4.384	ug/L	99
15) Methyl Acetate	2.381	43	7901	4.570	ug/L	95
16) Methylene chloride	2.449	84	25151	5.069	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	61017	5.743	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	25309	4.805	ug/L	98
19) 1,1-Dichloroethane	3.114	63	48653	5.027	ug/L	95
21) 2-Butanone	3.873	43	46733	48.412	ug/L #	44
22) cis-1,2-Dichloroethene	3.818	96	29316	4.906	ug/L	98
23) Bromochloromethane	4.156	128	11360	5.468	ug/L	87
25) Chloroform	4.281	83	50500	5.162	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31488	5.621	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	47961	5.140	ug/L	98
30) Cyclohexane	4.584	56	41137	4.533	ug/L	99
31) Carbon tetrachloride	4.738	117	42154	5.163	ug/L	99
33) Benzene	5.015	78	103481	4.964	ug/L	100
34) Trichloroethene	5.834	95	39775	6.593	ug/L	97
35) Methylcyclohexane	6.050	83	42299	4.466	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24609	4.873	ug/L	99
38) Bromodichloromethane	6.436	83	33880	5.111	ug/L #	99
39) cis-1,3-Dichloropropene	6.957	75	38198	4.971	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	128708	53.226	ug/L	98
42) Toluene	7.317	91	119742	5.374	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	30578	5.183	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	16623	5.331	ug/L	98
47) Tetrachloroethene	7.905	164	22923	4.676	ug/L	97
48) 2-Hexanone	8.076	43	87926	51.584	ug/L	99
49) Dibromochloromethane	8.178	129	19553	5.277	ug/L	97
50) 1,2-Dibromoethane	8.285	107	15453	5.521	ug/L #	96
51) Chlorobenzene	8.815	112	70634	5.014	ug/L	98
52) Ethylbenzene	8.947	91	128498	5.010	ug/L	99
53) m,p-Xylene	9.072	106	48552	5.010	ug/L	100
54) o-Xylene	9.477	106	47015	5.031	ug/L	100
55) Styrene	9.497	104	77860	5.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	18063	5.489	ug/L	99
59) Bromoform	9.667	173	10698	5.128	ug/L	95
60) Isopropylbenzene	9.866	105	129770	4.631	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	12923	4.964	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	108258	4.570	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	108637	4.720	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	59733	4.889	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	58383	4.826	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	52844	5.036	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	3035	5.563	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	45580	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	37019	5.016	ug/L	99
71) Naphthalene	13.442	128	55351	5.723	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31203	5.276	ug/L	97

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

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