

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032660.D
 Acq On : 26 Oct 2023 14:17
 Operator : SY/MD
 Sample : 05009-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4AA3

Quant Time: Oct 27 05:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31178	3.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.532	69	30995	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.060	65	13917	4.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.812	46	88508	43.821	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.640%
24) Chloroform-d	4.253	84	66319	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	30915	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.963	84	116396	3.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	5.992	67	37730	3.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.246	98	121635	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.558	79	15349	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.027	63	72525	40.130	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32689	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	42831	4.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	35292	3.226	ug/L	99
5) Vinyl chloride	1.282	62	37443	3.560	ug/L	100
8) Chloroethane	1.548	64	84394	13.327	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75285	9.849	ug/L	99
12) 1,1-Dichloroethene	2.069	96	15258	2.119	ug/L #	76
13) Acetone	2.140	43	267955	172.125	ug/L	91
15) Methyl Acetate	2.384	43	27416	7.823	ug/L	92
18) trans-1,2-Dichloroethene	2.696	96	18773	2.276	ug/L	95
19) 1,1-Dichloroethane	3.114	63	26968	1.738	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	28506	3.210	ug/L	97
23) Bromochloromethane	4.153	128	17383	4.653	ug/L	93
25) Chloroform	4.278	83	107552	7.066	ug/L	98
27) 1,2-Dichloroethane	5.050	62	17021	1.893	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	24107	1.595	ug/L	99
31) Carbon tetrachloride	4.738	117	30611	2.393	ug/L	98
34) Trichloroethene	5.838	95	17722	1.658	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	48176	3.234	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	291556	44.008	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	20887	1.706	ug/L	98

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45) 1,1,2-Trichloroethane	7.773	97	12358	1.673	ug/L	93
47) Tetrachloroethene	7.908	164	19631	2.422	ug/L	96
50) 1,2-Dibromoethane	8.288	107	26818	3.839	ug/L	97
51) Chlorobenzene	8.815	112	127485	4.745	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	10431	1.284	ug/L	95
59) Bromoform	9.667	173	10010	2.465	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	105264	2.990	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	49940	2.409	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	34008	1.635	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	46183	3.430	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	25713	2.216	ug/L	99

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

