

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040324\
 Data File : VW034958.D
 Acq On : 03 Apr 2024 15:51
 Operator : SY/MD
 Sample : P1925-18 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-5(20240328)

Quant Time: Apr 04 02:54:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	184593	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	188521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	97211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66434	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.532	69	59529	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.059	65	30847	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.805	46	94192	39.572	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.140%
24) Chloroform-d	4.249	84	122581	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.944	65	60900	5.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.960	84	245384	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.989	67	77463	5.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.243	98	207994	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	25123	4.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.027	63	100530	56.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.940%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	55357	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	79500	5.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	8011	0.435	ug/L #	76
16) Methylene chloride	2.449	84	2843	0.185	ug/L	91
22) cis-1,2-Dichloroethene	3.812	96	610529	41.967	ug/L	97
33) Benzene	5.018	78	19531	0.338	ug/L	100
34) Trichloroethene	5.834	95	58170	3.868	ug/L	98
35) Methylcyclohexane	6.046	83	4147	0.181	ug/L	93
42) Toluene	7.313	91	2130443	35.116	ug/L	97
47) Tetrachloroethene	7.902	164	265845	23.530	ug/L	98
51) Chlorobenzene	8.815	112	139808	3.567	ug/L	99
52) Ethylbenzene	8.947	91	80114	1.223	ug/L	98
53) m,p-Xylene	9.069	106	126516	5.258	ug/L	98
54) o-Xylene	9.480	106	39428	1.670	ug/L	95
60) Isopropylbenzene	9.869	105	10552	0.174	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.477	105	18900	0.379	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	51492	1.017	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	76444	2.465	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	426718	13.740	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	119923	4.186	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	1714063	94.773	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.680	180	293306	18.440	ug/L	99

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

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