

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034134.D
 Acq On : 12 Feb 2024 12:57
 Operator : SY/MD
 Sample : P1455-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8

Quant Time: Feb 13 00:46:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24740	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.532	69	21457	3.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.060	65	12539	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.793	46	42179	40.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.560%
24) Chloroform-d	4.252	84	47382	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.947	65	24199	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.963	84	89631	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.992	67	24408	4.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.246	98	82078	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.561	79	9849	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.027	63	37063	45.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16331	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	30563	4.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2547	0.335	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8267	1.445	ug/L	97
12) 1,1-Dichloroethene	2.072	96	35479	6.388	ug/L	87
16) Methylene chloride	2.452	84	1425	0.267	ug/L	87
17) Methyl tert-butyl Ether	2.709	73	1407	0.123	ug/L #	86
18) trans-1,2-Dichloroethene	2.703	96	795	0.141	ug/L #	87
19) 1,1-Dichloroethane	3.121	63	11749	1.130	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	203493	31.704	ug/L	98
25) Chloroform	4.281	83	12271	1.168	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	5725	0.594	ug/L	95
31) Carbon tetrachloride	4.741	117	2153	0.255	ug/L	91
34) Trichloroethene	5.831	95	1687395	270.777	ug/L	98
47) Tetrachloroethene	7.905	164	123932	24.476	ug/L	97

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

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