

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034239.D
 Acq On : 19 Feb 2024 13:27
 Operator : SY/MD
 Sample : P1503-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF4

Quant Time: Feb 20 03:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76389	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	70719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	23072	3.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.536	69	21068	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.060	65	11757	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.812	46	37799	38.043	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.080%
24) Chloroform-d	4.252	84	43934	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	4.944	65	22427	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.960	84	84661	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.989	67	23104	3.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.243	98	79301	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.558	79	8657	3.866	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.030	63	28437	35.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.140%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	13330	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	27507	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	35304	4.839	ug/L	94
12) 1,1-Dichloroethene	2.069	96	101492	19.019	ug/L #	77
16) Methylene chloride	2.449	84	79854	15.595	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	16747	3.081	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	29282	4.748	ug/L	96
27) 1,2-Dichloroethane	5.040	62	81092	14.027	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	183709	19.349	ug/L	99
31) Carbon tetrachloride	4.735	117	63896	7.691	ug/L	99
33) Benzene	5.008	78	276347	13.029	ug/L	100
34) Trichloroethene	5.831	95	62842	10.237	ug/L	98
37) 1,2-Dichloropropane	6.092	63	54953	10.695	ug/L	98
42) Toluene	7.313	91	134922	5.952	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	47686	15.031	ug/L	98
47) Tetrachloroethene	7.902	164	79792	15.997	ug/L	96
51) Chlorobenzene	8.812	112	169289	11.811	ug/L	98
52) Ethylbenzene	8.947	91	107180	4.107	ug/L	97
53) m,p-Xylene	9.072	106	278616	28.255	ug/L	100
54) o-Xylene	9.477	106	120703	12.694	ug/L	98
55) Styrene	9.493	104	99072	6.507	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.210	146	29275	2.602	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	69165	7.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	34409	5.013	ug/L	98

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

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