

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034267.D
 Acq On : 20 Feb 2024 14:05
 Operator : SY/MD
 Sample : P1503-01DL 2X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF4DL

Quant Time: Feb 21 01:44:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	74367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	68398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	23043	4.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.535	69	20049	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.060	65	11718	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.812	46	42670	44.113	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.220%
24) Chloroform-d	4.249	84	47386	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.947	65	24094	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.960	84	90216	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.992	67	24670	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.243	98	82220	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.561	79	7862	3.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.030	63	32159	41.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.180%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15002	4.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28948	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	17756	2.500	ug/L	97
12) 1,1-Dichloroethene	2.069	96	51191	9.853	ug/L	87
16) Methylene chloride	2.449	84	40312	8.087	ug/L	92
18) trans-1,2-Dichloroethene	2.696	96	8705	1.645	ug/L	93
22) cis-1,2-Dichloroethene	3.815	96	14707	2.450	ug/L	89
27) 1,2-Dichloroethane	5.043	62	42000	7.463	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	94219	10.260	ug/L	99
31) Carbon tetrachloride	4.735	117	31439	3.913	ug/L	98
33) Benzene	5.008	78	144190	7.029	ug/L	100
34) Trichloroethene	5.831	95	31673	5.335	ug/L	98
37) 1,2-Dichloropropane	6.095	63	28498	5.735	ug/L	99
42) Toluene	7.317	91	69414	3.166	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	25170	8.203	ug/L	97
47) Tetrachloroethene	7.905	164	40888	8.476	ug/L	99
51) Chlorobenzene	8.812	112	87577	6.317	ug/L	99
52) Ethylbenzene	8.947	91	55866	2.214	ug/L	97
53) m,p-Xylene	9.072	106	145664	15.273	ug/L	98
54) o-Xylene	9.477	106	63674	6.924	ug/L	100
55) Styrene	9.497	104	50725	3.445	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.210	146	15123	1.409	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	35756	3.841	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	16704	2.551	ug/L	99

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

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