

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051560.D
 Acq On : 27 Oct 2022 23:53
 Operator : JC/MD
 Sample : N5300-12DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA78DL

Quant Time: Oct 28 00:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	264848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76792	3.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.909	69	75834	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.565	65	28228	3.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.623	46	231611	49.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.064	84	158555	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.700	65	83685	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.726	84	310890	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	105696	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.896	98	230426	3.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.179	79	29615	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.632	63	177216	66.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.280%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87663	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	91285	4.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	7783	0.262	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6054	0.294	ug/L #	87
16) Methylene chloride	3.044	84	13216	0.463	ug/L	91
19) 1,1-Dichloroethane	3.864	63	40733	0.971	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	199363	8.858	ug/L	95
29) 1,1,1-Trichloroethane	5.311	97	8878	0.288	ug/L	97
30) Cyclohexane	5.385	56	4626	0.177	ug/L	88
33) Benzene	5.771	78	805166	9.382	ug/L	100
35) Methylcyclohexane	6.764	83	3565	0.132	ug/L	94
42) Toluene	7.967	91	4142362	45.474	ug/L	100
51) Chlorobenzene	9.449	112	16347	0.300	ug/L	96
52) Ethylbenzene	9.568	91	378470	4.623	ug/L	96
53) m,p-Xylene	9.690	106	367636	11.580	ug/L	96
54) o-Xylene	10.099	106	124218	4.135	ug/L	99
60) Isopropylbenzene	10.481	105	26723	0.330	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	91862	4.271	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	344254	5.659	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	5622	0.142	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	17111	0.439	ug/L	97

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

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