

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051502.D
 Acq On : 26 Oct 2022 15:09
 Operator : JC/MD
 Sample : N5270-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 05:35:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	266283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	273900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	151611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	94961	4.421	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.909	69	86447	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.559	65	36836	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.642	46	202530	42.826	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.660%
24) Chloroform-d	5.060	84	158827	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.707	65	82456	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.729	84	337746	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.690	67	104634	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.896	98	285371	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	33260	3.956	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.636	63	165844	58.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95339	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	115866	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.597	62	69411	2.320	ug/L	99
8) Chloroethane	1.929	64	59498	3.119	ug/L	87
13) Acetone	2.652	43	60011	16.919	ug/L	94
18) trans-1,2-Dichloroethene	3.353	96	8877	0.435	ug/L	88
19) 1,1-Dichloroethane	3.867	63	16074	0.381	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	55858	2.468	ug/L	97
30) Cyclohexane	5.385	56	346708	12.455	ug/L	99
33) Benzene	5.758	78	29597706m	323.684	ug/L	
34) Trichloroethene	6.539	95	6537	0.287	ug/L	93
35) Methylcyclohexane	6.761	83	139613	4.851	ug/L	98
42) Toluene	7.967	91	252139	2.598	ug/L	98
51) Chlorobenzene	9.446	112	8244104	142.156	ug/L	99
52) Ethylbenzene	9.562	91	18921684m	216.937	ug/L	
53) m,p-Xylene	9.690	106	21868076m	646.456	ug/L	
54) o-Xylene	10.102	106	5605309	175.126	ug/L	96
60) Isopropylbenzene	10.485	105	4826900	50.266	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	1475614	57.927	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	8366036	116.128	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	12556	0.264	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.835	146	222071	4.743	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	116383	2.520	ug/L	97

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

