

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051645.D
 Acq On : 01 Nov 2022 05:47
 Operator : JC/MD
 Sample : N5319-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 01 07:30:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

Supervised By :Mahesh
 Dadoda
 11/03/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	237010	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	241533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77240	4.327	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.912	69	76574	4.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.565	65	24412	3.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.636	46	349262	54.026	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.060	84	175788	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.706	65	99628	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.732	84	339074	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.690	67	122164	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.906	98	274180	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.179	79	28652	3.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.632	63	264986	54.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.020%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	117398	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	113778	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	1308186	41.796	ug/L	93
8) Chloroethane	1.932	64	785970	41.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34627	1.714	ug/L	96
12) 1,1-Dichloroethene	2.578	96	18198	0.883	ug/L #	35
13) Acetone	2.646	43	1003735	306.010	ug/L	98
15) Methyl Acetate	2.957	43	23149	2.696	ug/L #	75
16) Methylene chloride	3.044	84	19555	0.579	ug/L	92
18) trans-1,2-Dichloroethene	3.353	96	9803	0.443	ug/L	89
19) 1,1-Dichloroethane	3.867	63	421158	10.326	ug/L	99
21) 2-Butanone	4.713	43	351771	68.482	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	9063197	370.410	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	42049	1.282	ug/L	95
30) Cyclohexane	5.385	56	144199	4.775	ug/L	97
33) Benzene	5.758	78	34118301m	357.951	ug/L	
34) Trichloroethene	6.546	95	4551	0.198	ug/L	93
35) Methylcyclohexane	6.761	83	148209	4.660	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	657806	53.495	ug/L	99
42) Toluene	7.957	91	39371291m	402.203	ug/L	
51) Chlorobenzene	9.446	112	5919874	96.087	ug/L	98

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

52) Ethylbenzene	9.562	91	19582508m	207.330	ug/L	
53) m,p-Xylene	9.690	106	17969510m	489.815	ug/L	
54) o-Xylene	10.102	106	6421093	179.091	ug/L	95
60) Isopropylbenzene	10.484	105	8851411	92.255	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1357934	52.572	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	6358948	85.381	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	52499	1.099	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	446944	9.332	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	576381	12.388	ug/L	99

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

