

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051648.D
 Acq On : 01 Nov 2022 07:04
 Operator : JC/MD
 Sample : N5319-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA98

Quant Time: Nov 01 07:31:23 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	259863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	138455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	80639	4.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.909	69	87354	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.562	65	29567	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.642	46	392727	55.407	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	5.060	84	200456	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.703	65	112235	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	393051	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.690	67	138867	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.896	98	304204	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.179	79	33914	3.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.632	63	303409	58.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	131617	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	126420	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	70462	3.381	ug/L	84
13) Acetone	2.655	43	14766	4.106	ug/L	85
14) Carbon disulfide	2.790	76	13957	0.192	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	3420	0.141	ug/L	85
22) cis-1,2-Dichloroethene	4.665	96	80950	3.017	ug/L	96
30) Cyclohexane	5.385	56	61233	1.905	ug/L	100
33) Benzene	5.767	78	19251955	189.758	ug/L	100
35) Methylcyclohexane	6.758	83	38129	1.126	ug/L	98
42) Toluene	7.967	91	1372353	13.171	ug/L	99
51) Chlorobenzene	9.446	112	5161680	78.710	ug/L	98
52) Ethylbenzene	9.568	91	9135671	90.871	ug/L	100
53) m,p-Xylene	9.690	106	7448003	190.733	ug/L	89
54) o-Xylene	10.098	106	1604026	42.031	ug/L	98
60) Isopropylbenzene	10.481	105	2238263	22.145	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	416968	15.323	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	2534938	32.309	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	134436	2.672	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	382089	7.573	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	872180	17.794	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	13.838	180	32495	1.180	ug/L	97

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

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