

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049982.D
 Acq On : 28 Jul 2022 13:02
 Operator : SY/MD
 Sample : N3873-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ33

Quant Time: Jul 29 02:35:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	103984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	103728	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39074	4.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.912	69	31234	4.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.562	65	15351	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.642	46	93773	47.183	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.360%
24) Chloroform-d	5.063	84	68489	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.703	65	35544	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.726	84	144288	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	46608	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	117604	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.179	79	16569	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.636	63	64811	49.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41745	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	42151	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	34055	3.581	ug/L	97
6) Bromomethane	1.858	94	16600	3.356	ug/L	97
9) Trichlorofluoromethane	2.137	101	81740	7.765	ug/L	99
12) 1,1-Dichloroethene	2.575	96	22259	3.879	ug/L	84
13) Acetone	2.645	43	65485	46.878	ug/L	99
14) Carbon disulfide	2.784	76	93825	5.382	ug/L	99
16) Methylene chloride	3.041	84	28731	3.256	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	145817	9.089	ug/L	99
19) 1,1-Dichloroethane	3.867	63	123848	9.571	ug/L	97
21) 2-Butanone	4.719	43	231722	115.170	ug/L	89
27) 1,2-Dichloroethane	5.796	62	62517	7.725	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	95686	8.687	ug/L	99
30) Cyclohexane	5.388	56	111700	12.015	ug/L	98
34) Trichloroethene	6.542	95	39509	5.369	ug/L	99
35) Methylcyclohexane	6.764	83	64511	6.646	ug/L	99
37) 1,2-Dichloropropane	6.793	63	19212	2.303	ug/L	# 96
42) Toluene	7.970	91	271342	8.814	ug/L	98
47) Tetrachloroethene	8.552	164	47280	8.927	ug/L	97
48) 2-Hexanone	8.687	43	210468	57.272	ug/L	100

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

50) 1,2-Dibromoethane	8.925	107	93048	16.809	ug/L	95
51) Chlorobenzene	9.446	112	216302	11.069	ug/L	99
52) Ethylbenzene	9.571	91	211446	7.012	ug/L	100
53) m,p-Xylene	9.697	106	162867	14.183	ug/L	99
54) o-Xylene	10.099	106	65428	5.877	ug/L	97
55) Styrene	10.115	104	111714	5.891	ug/L	98
59) Bromoform	10.291	173	21937	6.160	ug/L	96
60) Isopropylbenzene	10.484	105	98246	3.753	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	57634	4.648	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	168780	13.555	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5103	5.021	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	77860	10.883	ug/L	100

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

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