

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052258.D
 Acq On : 08 Dec 2022 18:58
 Operator : JC/MD
 Sample : N5930-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ88

Quant Time: Dec 08 22:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	760	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.417	117	701	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.083	84	128	1.178	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	23.600%#
26) 1,2-Dichloroethane-d4	5.703	65	789	14.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	287.600%#
32) Benzene-d6	5.729	84	152	0.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.600%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.000%#
41) Toluene-d8	7.893	98	959	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	171	3.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.200%#
66) 1,2-Dichlorobenzene-d4	12.195	152	681	3.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1370	15.926	ug/L	87
8) Chloroethane	1.919	64	128	2.490	ug/L #	45
12) 1,1-Dichloroethene	2.584	96	3896	70.667	ug/L #	56
13) Acetone	2.652	43	3911	429.812	ug/L	99
14) Carbon disulfide	2.800	76	404	2.117	ug/L #	76
16) Methylene chloride	3.044	84	867	11.624	ug/L #	73
19) 1,1-Dichloroethane	4.035	63	41	0.385	ug/L #	50
21) 2-Butanone	4.752	43	69	4.731	ug/L #	43
23) Bromochloromethane	4.970	128	80	2.696	ug/L #	1
25) Chloroform	5.086	83	3324	30.797	ug/L	88
27) 1,2-Dichloroethane	5.790	62	342	5.174	ug/L #	72
29) 1,1,1-Trichloroethane	5.317	97	36446	468.612	ug/L	97
31) Carbon tetrachloride	5.311	117	5241	79.308	ug/L	93
33) Benzene	5.787	78	278	1.219	ug/L	100
34) Trichloroethene	6.542	95	456	8.014	ug/L #	88
40) 4-Methyl-2-pentanone	7.803	43	170	5.510	ug/L #	1
42) Toluene	7.973	91	158	0.673	ug/L #	22
45) 1,1,2-Trichloroethane	8.546	97	278	6.263	ug/L #	1
47) Tetrachloroethene	8.552	164	48623	1114.956	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.687	43	322	14.235	ug/L #	34
49) Dibromochloromethane	8.552	129	47556	956.582	ug/L #	12
52) Ethylbenzene	9.690	91	143	0.627	ug/L #	43
64) 1,3-Dichlorobenzene	11.841	146	432	1.373	ug/L #	56
65) 1,4-Dichlorobenzene	11.841	146	432	1.377	ug/L #	57
67) 1,2-Dichlorobenzene	12.214	146	1283	4.234	ug/L	98
71) Naphthalene	14.086	128	141	0.442	ug/L #	1

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

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