

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052509.D
 Acq On : 22 Dec 2022 22:28
 Operator : JC/MD
 Sample : N6189-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL41

Quant Time: Dec 23 06:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	1302	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	1220	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	1095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	194	1.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	29.400%#
7) Chloroethane-d5	1.906	69	58	0.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	10.200%#
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	4.655	46	1058	25.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.740%
24) Chloroform-d	5.063	84	97	0.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	8.800%#
26) 1,2-Dichloroethane-d4	5.706	65	993	7.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	153.800%#
32) Benzene-d6	5.732	84	752	1.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	36.000%#
36) 1,2-Dichloropropane-d6	6.690	67	104	0.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	14.400%#
41) Toluene-d8	7.909	98	1384	3.941	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.189	79	41	0.832	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	16.600%#
46) 2-Hexanone-d5	8.645	63	538	19.945	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	39.880%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	819	6.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.000%#
66) 1,2-Dichlorobenzene-d4	12.188	152	654	2.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	58.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3562	21.301	ug/L	97
5) Vinyl chloride	1.732	62	988	6.518	ug/L	# 1
6) Bromomethane	1.851	94	45	0.521	ug/L	# 3
8) Chloroethane	1.935	64	431	4.151	ug/L	# 44
12) 1,1-Dichloroethene	2.388	96	49	0.503	ug/L	# 1
13) Acetone	2.684	43	15061	499.464	ug/L	90
14) Carbon disulfide	2.796	76	412	1.311	ug/L	# 75
15) Methyl Acetate	2.957	43	198	2.981	ug/L	# 55
16) Methylene chloride	3.041	84	152	1.103	ug/L	92
21) 2-Butanone	4.755	43	3515	79.148	ug/L	86
33) Benzene	5.777	78	4027	9.164	ug/L	100
34) Trichloroethene	6.546	95	353	3.436	ug/L	# 80
39) cis-1,3-Dichloropropene	7.417	75	40	0.258	ug/L	# 43
40) 4-Methyl-2-pentanone	7.796	43	5340	59.594	ug/L	# 91
42) Toluene	7.970	91	2578	6.119	ug/L	95
48) 2-Hexanone	8.693	43	2086	30.884	ug/L	# 82
52) Ethylbenzene	9.568	91	96	0.220	ug/L	# 45
60) Isopropylbenzene	10.484	105	758	1.068	ug/L	# 70
62) 1,3,5-Trimethylbenzene	11.475	105	209	0.357	ug/L	# 29

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63) 1,2,4-Trimethylbenzene	11.475	105	209	0.355	ug/L #	32
64) 1,3-Dichlorobenzene	11.761	146	41	0.116	ug/L #	25
65) 1,4-Dichlorobenzene	11.841	146	147	0.404	ug/L #	25
69) 1,3,5-Trichlorobenzene	13.227	180	200	0.771	ug/L #	39
70) 1,2,4-trichlorobenzene	13.847	180	297	1.361	ug/L #	57
71) Naphthalene	14.095	128	1283	2.906	ug/L #	75
72) 1,2,3-Trichlorobenzene	14.327	180	257	1.175	ug/L #	73

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

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