

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054521.D
 Acq On : 15 Jun 2023 13:10
 Operator : MD/SY
 Sample : 03232-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONSO

Quant Time: Jun 16 01:31:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.252	114	1520	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.422	117	4392	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.814	152	7174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.673	65	110	1.137	ug/L	0.07
Spiked Amount	5.000	Range	40 - 130	Recovery	=	22.800%#
7) Chloroethane-d5	1.921	69	72	0.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	15.800%#
11) 1,1-Dichloroethene-d2	2.564	65	73	1.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.800%#
20) 2-Butanone-d5	4.686	46	48	1.765	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	3.520%#
24) Chloroform-d	5.056	84	147	0.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.600%#
26) 1,2-Dichloroethane-d4	5.702	65	200	2.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.600%#
32) Benzene-d6	5.724	84	877	0.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.400%#
36) 1,2-Dichloropropane-d6	6.699	67	45	0.110	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	2.200%#
41) Toluene-d8	7.904	98	2128	1.964	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	39.200%#
43) trans-1,3-Dichloroprop...	8.191	79	126	0.889	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	17.800%#
46) 2-Hexanone-d5	8.657	63	559	9.397	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	18.800%#
56) 1,1,2,2-Tetrachloroeth...	10.760	84	1125	3.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	12.197	152	4950	4.091	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.522	50	701	4.297	ug/L	# 72
5) Vinyl chloride	1.599	62	43	0.257	ug/L	# 1
6) Bromomethane	1.863	94	319	3.465	ug/L	# 88
8) Chloroethane	1.924	64	40	0.398	ug/L	# 42
12) 1,1-Dichloroethene	2.425	96	41	0.372	ug/L	# 1
13) Acetone	2.638	43	5549	216.387	ug/L	# 90
14) Carbon disulfide	2.795	76	3423	10.470	ug/L	# 87
15) Methyl Acetate	2.962	43	142	2.988	ug/L	# 52
16) Methylene chloride	3.052	84	941	6.070	ug/L	# 74
21) 2-Butanone	4.814	43	39531	1187.797	ug/L	# 48
25) Chloroform	5.075	83	111	0.478	ug/L	# 18
33) Benzene	5.773	78	427	0.271	ug/L	100
40) 4-Methyl-2-pentanone	7.801	43	684	3.003	ug/L	# 43
42) Toluene	7.972	91	4064	2.500	ug/L	# 95
47) Tetrachloroethene	8.547	164	127	0.397	ug/L	# 29
48) 2-Hexanone	8.689	43	6587	38.815	ug/L	# 94
49) Dibromochloromethane	8.557	129	77	0.270	ug/L	# 11
52) Ethylbenzene	9.570	91	432	0.243	ug/L	90
53) m,p-Xylene	9.702	106	344	0.527	ug/L	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.104	106	138	0.219	ug/L	60
55) Styrene	10.120	104	2041	1.928	ug/L #	76
63) 1,2,4-Trimethylbenzene	11.473	105	883	0.203	ug/L #	79
65) 1,4-Dichlorobenzene	11.837	146	519	0.211	ug/L	91
70) 1,2,4-trichlorobenzene	13.856	180	463	0.303	ug/L #	61
71) Naphthalene	14.100	128	1184	0.476	ug/L #	74

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

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