

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049039.D
 Acq On : 11 Jun 2022 08:20
 Operator : SY/MD
 Sample : N3248-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY9

Quant Time: Jun 11 09:43:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	382	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.407	117	91	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	777	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.838	65	44	18.697	ug/L	0.24
Spiked Amount	50.000	Range	60 - 135	Recovery	=	37.400%#
7) Chloroethane-d5	2.080	69	1171	677.707	ug/L	0.18
Spiked Amount	50.000	Range	70 - 130	Recovery	=	1355.420%#
11) 1,1-Dichloroethene-d2	2.578	63	10030	2258.718	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	4517.440%#
21) 2-Butanone-d5	4.649	46	46	17.829	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	17.830%#
24) Chloroform-d	0.000	84	0d	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.697	65	179	55.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.080%
32) Benzene-d6	5.729	84	102	45.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.000%#
41) Toluene-d8	7.896	98	660	331.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	663.300%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
47) 2-Hexanone-d5	8.398	63	291	732.963	ug/L	-0.23
Spiked Amount	100.000	Range	45 - 130	Recovery	=	732.960%#
56) 1,1,2,2-Tetrachloroeth...	10.777	84	60	47.357	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	11.816	152	777	57.473	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1095	325.076	ug/L	# 1
9) Trichlorofluoromethane	2.141	101	3369	710.638	ug/L	93
12) 1,1-Dichloroethene	2.581	96	18101	7683.978	ug/L	# 70
13) Acetone	2.626	43	1975	972.767	ug/L	91
16) Methylene chloride	3.051	84	376	122.569	ug/L	92
17) trans-1,2-Dichloroethene	3.353	96	20012	7726.267	ug/L	97
19) 1,1-Dichloroethane	3.870	63	412455	73917.312	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	2017236	640156.626	ug/L	100
25) Chloroform	5.089	83	6369	1095.223	ug/L	99
27) 1,2-Dichloroethane	5.796	62	5982	1263.654	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	1925175	1517000.459	ug/L	99
33) Benzene	5.774	78	6911	2344.157	ug/L	100
34) Trichloroethene	6.539	95	20924	28156.106	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	1501	1071.648	ug/L	# 91
42) Toluene	7.970	91	28050	9205.065	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	2879	3573.763	ug/L	93
46) Tetrachloroethene	8.555	164	23085	40068.405	ug/L	96
52) Ethylbenzene	9.571	91	9611	2900.844	ug/L	98
53) m,p-Xylene	9.693	106	10713	8233.906	ug/L	88

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54) o-Xylene	10.102	106	10870	8292.237	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	28222	626.325	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	64787	1805.955	ug/L	98

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

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