

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048088.D
 Acq On : 15 Apr 2022 02:53
 Operator : SY/MD
 Sample : N2419-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 15 05:30:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.436	117	360960	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.822	152	262602	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76394	33.146	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.300%	
7) Chloroethane-d5	1.916	69	76817	42.270	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	84.540%	
11) 1,1-Dichloroethene-d2	2.568	63	111750	26.502	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	53.000%#	
21) 2-Butanone-d5	4.620	46	203192	102.715	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	102.710%	
24) Chloroform-d	5.067	84	193954	45.992	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.980%	
26) 1,2-Dichloroethane-d4	5.707	65	126923	49.073	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.140%	
32) Benzene-d6	5.732	84	371987	40.955	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.920%	
36) 1,2-Dichloropropane-d6	6.694	67	125516	44.998	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	90.000%	
41) Toluene-d8	7.899	98	298080	33.684	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	67.360%#	
43) trans-1,3-Dichloroprop...	8.179	79	44188	31.269	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	62.540%	
47) 2-Hexanone-d5	8.636	63	124591	76.300	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	76.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229308	47.901	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	12.208	152	205715	44.032	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	88.060%	
Target Compounds						Qvalue
13) Acetone	2.626	43	6328	3.437	ug/L	92
25) Chloroform	5.089	83	67792	15.526	ug/L	97
29) Cyclohexane	5.391	56	9712	2.652	ug/L	95
31) Carbon tetrachloride	5.530	117	89448	24.202	ug/L	99
33) Benzene	5.768	78	24572978m	2351.912	ug/L	
35) Methylcyclohexane	6.768	83	5281	1.267	ug/L #	77
42) Toluene	7.973	91	17226	1.503	ug/L	99
51) Chlorobenzene	9.443	112	36372932m	4672.803	ug/L	
64) 1,3-Dichlorobenzene	11.751	146	7301310	925.578	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	25130466m	3075.661	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	25557567m	3237.976	ug/L	
69) 1,3,5-Trichlorobenzene	13.221	180	42884	6.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	20536502m	3659.723	ug/L	
72) 1,2,3-Trichlorobenzene	14.336	180	7456974	1325.590	ug/L	98

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

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