

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048657.D
 Acq On : 23 May 2022 17:45
 Operator : SY/MD
 Sample : N2848-20ME
 Misc : 4.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXZ9ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 02:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	146193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	40885m	28.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	56.800%#		
7) Chloroethane-d5	1.871	69	39513m	36.641	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.280%		
11) 1,1-Dichloroethene-d2	2.530	63	77145	23.698	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.400%#		
21) 2-Butanone-d5	4.633	46	125343	91.506	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.510%		
24) Chloroform-d	5.060	84	144974	39.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.720%		
26) 1,2-Dichloroethane-d4	5.700	65	108758	42.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.760%		
32) Benzene-d6	5.719	84	242606	36.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.340%		
36) 1,2-Dichloropropane-d6	6.690	67	76481	39.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.760%		
41) Toluene-d8	7.899	98	230724	37.080	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.160%#		
43) trans-1,3-Dichloroprop...	8.182	79	46392	37.357	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.720%		
47) 2-Hexanone-d5	8.652	63	97021	91.096	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.100%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	143637	44.698	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123316	41.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.520%		
Target Compounds						Qvalue
13) Acetone	2.646	43	21182	19.034	ug/L	97
15) Methyl Acetate	2.954	43	15093	7.947	ug/L	98
22) 2-Butanone	4.713	43	139773	98.918	ug/L	100
29) Cyclohexane	5.375	56	3837	1.572	ug/L	89
35) Methylcyclohexane	6.758	83	14492	5.140	ug/L	96
42) Toluene	7.970	91	22411	2.961	ug/L	99
53) m,p-Xylene	9.697	106	8663	2.492	ug/L	100
54) o-Xylene	10.105	106	5541	1.664	ug/L	84
63) 1,2,4-Trimethylbenzene	11.472	105	10377	1.304	ug/L	92

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

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