

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092022\
 Data File : VU050855.D
 Acq On : 21 Sep 2022 01:04
 Operator : JC/MD
 Sample : N4650-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ05

Quant Time: Sep 21 04:41:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	421464	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	187275	42.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.909	69	149256	47.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.980%
11) 1,1-Dichloroethene-d2	2.565	63	231457	34.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.120%
21) 2-Butanone-d5	4.623	46	305971	108.535	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	5.060	84	316650	46.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.700	65	203348	48.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	5.726	84	637845	47.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
36) 1,2-Dichloropropane-d6	6.690	67	216811	47.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	7.896	98	512288	43.413	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.820%
43) trans-1,3-Dichloroprop...	8.179	79	84216	42.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.960%
47) 2-Hexanone-d5	8.632	63	186477	99.305	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	327225	47.102	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	190125	50.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.620%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	116516	23.458	ug/L	95
8) Chloroethane	1.928	64	33738	12.268	ug/L	98
12) 1,1-Dichloroethene	2.578	96	8553	2.640	ug/L #	1
13) Acetone	2.633	43	6652	2.787	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	3633	1.094	ug/L	98
19) 1,1-Dichloroethane	3.867	63	471299	70.235	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	168365	45.724	ug/L	97
27) 1,2-Dichloroethane	5.793	62	2849	0.561	ug/L #	85
30) 1,1,1-Trichloroethane	5.314	97	281914	51.703	ug/L	99
34) Trichloroethene	6.539	95	86680	24.740	ug/L	95
35) Methylcyclohexane	6.761	83	8475	1.501	ug/L	93
42) Toluene	7.970	91	22025	1.471	ug/L	96
46) Tetrachloroethene	8.552	164	95648	37.990	ug/L	99
52) Ethylbenzene	9.571	91	42637	2.854	ug/L	99
54) o-Xylene	10.102	106	3858	0.697	ug/L	88
61) Isopropylbenzene	10.481	105	12637	0.980	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	187334	17.667	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	616240	58.685	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	5140	0.823	ug/L	92

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

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