

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050866.D
 Acq On : 21 Sep 2022 05:22
 Operator : JC/MD
 Sample : N4650-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ01

Quant Time: Sep 21 06:53:31 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	6.247	114	404772	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144390	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	180491	43.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.080%
7) Chloroethane-d5	1.909	69	149751	50.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.280%
11) 1,1-Dichloroethene-d2	2.565	63	229086	35.106	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.220%
21) 2-Butanone-d5	4.623	46	319103	117.861	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.860%
24) Chloroform-d	5.063	84	312668	47.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.700	65	202895	50.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
32) Benzene-d6	5.726	84	629782	49.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
36) 1,2-Dichloropropane-d6	6.690	67	213958	49.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.740%
41) Toluene-d8	7.896	98	487218	43.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.820%
43) trans-1,3-Dichloroprop...	8.179	79	80442	42.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.340%
47) 2-Hexanone-d5	8.632	63	185080	103.629	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.630%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	320808	48.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	162675	53.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.620%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	153348	32.147	ug/L	97
8) Chloroethane	1.928	64	116228	44.007	ug/L	99
9) Trichlorofluoromethane	2.137	101	2206	0.426	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	22789	7.323	ug/L #	1
13) Acetone	2.633	43	6072	2.649	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	8586	2.692	ug/L	92
19) 1,1-Dichloroethane	3.867	63	1071823	166.314	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	886846	250.777	ug/L	100
27) 1,2-Dichloroethane	5.800	62	3198	0.655	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	2182603	420.873	ug/L	98
34) Trichloroethene	6.542	95	28177	8.456	ug/L	96
46) Tetrachloroethene	8.552	164	33576	14.021	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	13573	1.616	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	4628	0.926	ug/L #	86

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

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