

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050938.D
 Acq On : 26 Sep 2022 11:42
 Operator : JC/MD
 Sample : N4747-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A3DL

Quant Time: Sep 26 20:53:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	413222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165125	38.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.140%
7) Chloroethane-d5	1.912	69	142366	46.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.380%
11) 1,1-Dichloroethene-d2	2.568	63	216050	32.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.860%
21) 2-Butanone-d5	4.623	46	309254	111.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.890%
24) Chloroform-d	5.063	84	324435	48.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.700	65	213750	51.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.400%
32) Benzene-d6	5.729	84	644517	46.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
36) 1,2-Dichloropropane-d6	6.690	67	219068	47.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.260%
41) Toluene-d8	7.899	98	533008	44.283	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	8.179	79	94794	46.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.760%
47) 2-Hexanone-d5	8.632	63	170353	88.939	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	342630	48.352	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	219953	51.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	76497	15.708	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	7446	2.287	ug/L	86
19) 1,1-Dichloroethane	3.870	63	3192	0.485	ug/L #	85
20) cis-1,2-Dichloroethene	4.668	96	138773	38.439	ug/L	97
52) Ethylbenzene	9.571	91	10181	0.668	ug/L	86
53) m,p-Xylene	9.700	106	4087	0.721	ug/L	90
61) Isopropylbenzene	10.484	105	16720	1.138	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	483289	40.393	ug/L	100

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

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