

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050862.D
 Acq On : 21 Sep 2022 03:48
 Operator : JC/MD
 Sample : N4650-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ8

Quant Time: Sep 21 04:43:27 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	421557	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	406334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	159763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	191977	43.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.900%
7) Chloroethane-d5	1.909	69	157578	50.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.320%
11) 1,1-Dichloroethene-d2	2.565	63	234817	34.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.100%
21) 2-Butanone-d5	4.623	46	324473	115.073	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.070%
24) Chloroform-d	5.060	84	331306	48.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.700	65	216221	51.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.520%
32) Benzene-d6	5.726	84	664060	49.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	6.690	67	232029	51.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	7.896	98	525173	44.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
43) trans-1,3-Dichloroprop...	8.179	79	88885	45.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
47) 2-Hexanone-d5	8.632	63	198740	106.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.750%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	339915	49.352	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	182148	54.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	14071	2.832	ug/L	# 73
8) Chloroethane	1.928	64	241859	87.928	ug/L	100
19) 1,1-Dichloroethane	3.870	63	83200	12.396	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	20317	5.516	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	3526	0.652	ug/L	93
42) Toluene	7.970	91	59674	4.020	ug/L	98
52) Ethylbenzene	9.568	91	57856	3.907	ug/L	99
53) m,p-Xylene	9.690	106	67142	12.195	ug/L	98
54) o-Xylene	10.099	106	40237	7.335	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	33092	3.526	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	151133	16.260	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	4358	0.788	ug/L	91

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

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