

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050919.D
 Acq On : 23 Sep 2022 14:55
 Operator : JC/MD
 Sample : N4650-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ00

Quant Time: Sep 24 00:24:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	368517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	355903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	154747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	175850	46.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.120%
7) Chloroethane-d5	1.909	69	149275	54.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.565	63	224729	37.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.660%
21) 2-Butanone-d5	4.623	46	326390	132.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.410%#
24) Chloroform-d	5.060	84	313173	52.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.680%
26) 1,2-Dichloroethane-d4	5.700	65	205462	55.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.440%
32) Benzene-d6	5.726	84	632768	53.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.960%
36) 1,2-Dichloropropane-d6	6.691	67	213637	53.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.980%
41) Toluene-d8	7.896	98	511946	49.960	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
43) trans-1,3-Dichloroprop...	8.176	79	90780	52.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.480%
47) 2-Hexanone-d5	8.633	63	177100	108.607	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.610%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	322733	53.497	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	186851	57.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.340%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	382588	88.094	ug/L	98
8) Chloroethane	1.932	64	1589670	661.107	ug/L	100
12) 1,1-Dichloroethene	2.578	96	18792	6.633	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	20357	7.011	ug/L	98
19) 1,1-Dichloroethane	3.867	63	2555595	435.562	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	1117810	347.184	ug/L	99
27) 1,2-Dichloroethane	5.793	62	8727	1.964	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	1249595	263.914	ug/L	99
33) Benzene	5.771	78	11182	0.854	ug/L	100
34) Trichloroethene	6.543	95	17905	5.885	ug/L	98
35) Methylcyclohexane	6.761	83	4062	0.829	ug/L	95
42) Toluene	7.967	91	546401	42.023	ug/L	99
46) Tetrachloroethene	8.552	164	33386	15.270	ug/L	97
52) Ethylbenzene	9.568	91	99118	7.641	ug/L	98
53) m,p-Xylene	9.690	106	72994	15.136	ug/L	99
54) o-Xylene	10.099	106	50003	10.406	ug/L	100
61) Isopropylbenzene	10.481	105	13485	1.219	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	35080	3.859	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	167129	18.564	ug/L	99

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67) 1,2-Dichlorobenzene	12.211	146	9355	1.747	ug/L	91

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

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