

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092022\
 Data File : VU050869.D
 Acq On : 21 Sep 2022 06:33
 Operator : JC/MD
 Sample : N4650-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ12

Quant Time: Sep 21 07:03:38 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	418317	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	404497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	179122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184939	42.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.340%
7) Chloroethane-d5	1.909	69	150301	48.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.380%
11) 1,1-Dichloroethene-d2	2.565	63	246343	36.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.060%
21) 2-Butanone-d5	4.620	46	324995	116.151	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.150%
24) Chloroform-d	5.060	84	321165	47.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
26) 1,2-Dichloroethane-d4	5.700	65	204066	48.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
32) Benzene-d6	5.726	84	650382	48.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	6.690	67	222344	49.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.896	98	517878	44.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.940%
43) trans-1,3-Dichloroprop...	8.179	79	85763	43.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.680%
47) 2-Hexanone-d5	8.629	63	188085	101.486	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.490%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	330693	48.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	193164	51.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
5) Vinyl chloride	1.604	62	188626	38.262	ug/L	98
8) Chloroethane	1.929	64	361193	132.329	ug/L	98
9) Trichlorofluoromethane	2.134	101	3133	0.586	ug/L	97
12) 1,1-Dichloroethene	2.578	96	40750	12.671	ug/L #	10
13) Acetone	2.626	43	7139	3.013	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	22197	6.734	ug/L	95
19) 1,1-Dichloroethane	3.867	63	1947074	292.343	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	3163518	865.595	ug/L	99
27) 1,2-Dichloroethane	5.793	62	16051	3.182	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	1833511	340.716	ug/L	99
33) Benzene	5.777	78	13799	0.927	ug/L	100
34) Trichloroethene	6.539	95	32357	9.358	ug/L	97
42) Toluene	7.967	91	145255	9.829	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	2685	0.715	ug/L	96
46) Tetrachloroethene	8.552	164	38248	15.392	ug/L	93
52) Ethylbenzene	9.568	91	62620	4.248	ug/L	100
53) m,p-Xylene	9.690	106	63504	11.586	ug/L	96
54) o-Xylene	10.099	106	60651	11.106	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	90416	8.592	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.465	105	210537	20.203	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	6657	1.074	ug/L	91

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

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