

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047657.D
 Acq On : 25 Mar 2022 00:54
 Operator : SY/MD
 Sample : N2081-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y3

Quant Time: Mar 25 05:30:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	339277	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	346828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193008	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	98307	39.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.919	69	79554	41.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.020%
11) 1,1-Dichloroethene-d2	2.572	63	143660	31.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.820%
21) 2-Butanone-d5	4.639	46	204644	96.908	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.910%
24) Chloroform-d	5.067	84	188890	41.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	5.703	65	121316	43.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
32) Benzene-d6	5.732	84	390742	44.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
36) 1,2-Dichloropropane-d6	6.694	67	122206	45.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	7.899	98	364990	42.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.860%
43) trans-1,3-Dichloroprop...	8.179	79	58375	42.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.980%
47) 2-Hexanone-d5	8.636	63	148376	94.568	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.570%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197691	42.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.960%
66) 1,2-Dichlorobenzene-d4	12.192	152	168322	49.019	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%

Target Compounds

						Qvalue
5) Vinyl chloride	1.607	62	206183	67.207	ug/L	99
8) Chloroethane	1.938	64	57227	29.714	ug/L	100
12) 1,1-Dichloroethene	2.584	96	15566	6.688	ug/L	# 1
17) trans-1,2-Dichloroethene	3.356	96	8043	3.204	ug/L	96
19) 1,1-Dichloroethane	3.874	63	853790	197.214	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	912902	331.726	ug/L	96
27) 1,2-Dichloroethane	5.800	62	6002	1.667	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	442042	112.403	ug/L	99
34) Trichloroethene	6.543	95	35287	13.407	ug/L	98
35) Methylcyclohexane	6.764	83	14228	3.553	ug/L	93
42) Toluene	7.970	91	98987	8.986	ug/L	98
46) Tetrachloroethene	8.555	164	73545	31.095	ug/L	98
52) Ethylbenzene	9.571	91	115791	9.997	ug/L	100
53) m,p-Xylene	9.694	106	66939	14.729	ug/L	98
54) o-Xylene	10.102	106	73864	16.560	ug/L	97
61) Isopropylbenzene	10.484	105	41319	3.961	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	478966	84.628	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	1962416	228.270	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	8727	1.504	ug/L	95

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

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