

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052891.D
 Acq On : 31 Jan 2023 20:01
 Operator : JC/MD
 Sample : 01381-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	245677	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	130600	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	83473	47.206	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.420%
7) Chloroethane-d5	1.906	69	75766	52.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.562	63	128199	36.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.900%
21) 2-Butanone-d5	4.620	46	99657	91.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.230%
24) Chloroform-d	5.057	84	174443	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	5.697	65	116999	48.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.723	84	341599	45.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	6.684	67	103014	47.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	7.893	98	294856	43.455	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.900%
43) trans-1,3-Dichloroprop...	8.176	79	48614	44.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.760%
47) 2-Hexanone-d5	8.632	63	67858	88.368	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.370%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139227	43.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	133942m	52.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.640%

Target Compounds

						Qvalue
5) Vinyl chloride	1.604	62	13246	6.311	ug/L	86
12) 1,1-Dichloroethene	2.575	96	6872	3.781	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	11545	5.878	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	8281	1.434	ug/L #	84
20) cis-1,2-Dichloroethene	4.662	96	1449644	691.304	ug/L	99
33) Benzene	5.768	78	166160	20.013	ug/L	100
34) Trichloroethene	6.536	95	104220	49.388	ug/L	95
42) Toluene	7.964	91	15681	1.843	ug/L	85
51) Chlorobenzene	9.446	112	7377957	1260.297	ug/L	99
52) Ethylbenzene	9.565	91	167978	18.473	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	101947	23.956	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	938912	213.120	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	5514554	1281.145	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	622645	235.731	ug/L	98
72) 1,2,3-Trichlorobenzene	14.324	180	140978	50.504	ug/L	99

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

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