

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048982.D
 Acq On : 09 Jun 2022 17:41
 Operator : SY/MD
 Sample : N3248-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX7

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

06/16/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 10 01:04:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333890	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180976	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	131782	64.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.880%
7) Chloroethane-d5	1.900	69	74132	48.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.760%
11) 1,1-Dichloroethene-d2	2.562	63	169048	36.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.100%
21) 2-Butanone-d5	4.623	46	223697	114.945	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.940%
24) Chloroform-d	5.063	84	213937	41.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.700	65	140606	38.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.140%
32) Benzene-d6	5.726	84	407581	45.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	6.690	67	141450	53.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.580%
41) Toluene-d8	7.899	98	380604	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	8.179	79	67405	39.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.420%
47) 2-Hexanone-d5	8.632	63	164142	112.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223139	50.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	164183	44.378	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.760%

Target Compounds

						Qvalue
5) Vinyl chloride	1.601	62	3962423	1682.467	ug/L	99
8) Chloroethane	1.919	64	1648851	1189.463	ug/L	98
12) 1,1-Dichloroethene	2.575	96	44772	20.610	ug/L #	64
13) Acetone	2.626	43	6381	4.036	ug/L	98
16) Methylene chloride	3.044	84	9518	3.763	ug/L	89
17) trans-1,2-Dichloroethene	3.350	96	121564	51.883	ug/L	96
19) 1,1-Dichloroethane	3.867	63	8693526	2026.650	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	5202541	1968.913	ug/L	95
27) 1,2-Dichloroethane	5.793	62	59078	13.755	ug/L	96
29) Cyclohexane	5.391	56	7574m	2.270	ug/L	
30) 1,1,1-Trichloroethane	5.314	97	782279	159.020	ug/L	98
33) Benzene	5.774	78	119453	12.585	ug/L	100
34) Trichloroethene	6.539	95	83860	31.227	ug/L	97
35) Methylcyclohexane	6.761	83	10839	2.813	ug/L	93
40) 4-Methyl-2-pentanone	7.793	43	14112	3.896	ug/L #	92
42) Toluene	7.970	91	976725	94.407	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	13767	5.416	ug/L	92
46) Tetrachloroethene	8.555	164	7149	3.262	ug/L	95
52) Ethylbenzene	9.571	91	3092993	261.606	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.694	106	2780071	585.111	ug/L	99
54) o-Xylene	10.102	106	1458761	320.476	ug/L	100
61) Isopropylbenzene	10.484	105	346337	31.074	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	2183520	344.599	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	10945140	1110.834	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	113424	19.402	ug/L	99

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

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