

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047656.D
 Acq On : 25 Mar 2022 00:32
 Operator : SY/MD
 Sample : N2081-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 25 05:30:27 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	310569	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97985	43.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.020%
7) Chloroethane-d5	1.919	69	77341	43.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.100%
11) 1,1-Dichloroethene-d2	2.572	63	157195	38.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.300%
21) 2-Butanone-d5	4.649	46	206171	106.655	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	5.067	84	191180	46.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.703	65	121530	48.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	5.729	84	389239	48.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
36) 1,2-Dichloropropane-d6	6.694	67	122517	49.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	7.899	98	364640	46.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.179	79	58598	47.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.180%
47) 2-Hexanone-d5	8.636	63	147430	102.539	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	194201	46.073	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	160854	53.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.760%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	83337	29.675	ug/L	99
8) Chloroethane	1.938	64	609157	345.535	ug/L	99
9) Trichlorofluoromethane	2.144	101	4515	1.140	ug/L	91
12) 1,1-Dichloroethene	2.584	96	32180m	15.105	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	12597	5.482	ug/L	98
19) 1,1-Dichloroethane	3.874	63	1376863	347.435	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1117663	443.673	ug/L	95
27) 1,2-Dichloroethane	5.797	62	4854	1.473	ug/L #	93
30) 1,1,1-Trichloroethane	5.321	97	3014122	836.361	ug/L	100
33) Benzene	5.777	78	9493	1.032	ug/L	100
34) Trichloroethene	6.546	95	21638	8.971	ug/L	96
35) Methylcyclohexane	6.764	83	3388	0.923	ug/L #	91
42) Toluene	7.970	91	186699	18.496	ug/L	98
46) Tetrachloroethene	8.552	164	41777	19.275	ug/L	98
52) Ethylbenzene	9.571	91	55602	5.239	ug/L	100
53) m,p-Xylene	9.690	106	50464	12.117	ug/L	99
54) o-Xylene	10.102	106	30030	7.347	ug/L	99
61) Isopropylbenzene	10.484	105	10313	1.137	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	30505	6.200	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.468	105	152845	20.451	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	8884	1.762	ug/L #	91

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

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