

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038267.D
 Acq On : 21 May 2020 16:16
 Operator : JC/MD
 Sample : L2724-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T9

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 10:51:59 AM

Quant Time: May 22 02:08:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	465811	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.45	117	457571	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.83	152	225126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.64	65	132377	3.11	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.96	69	158048	4.29	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.62	63	202778	2.85	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.79	46	462603	44.01	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.02%
24) Chloroform-d	5.16	84	285416	4.41	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.80	65	160669	4.34	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.82	84	587792	4.29	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.76	67	199881	4.52	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.94	98	543255	4.41	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.22	79	70654	3.99	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.68	63	464467	55.49	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	177235	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	204889	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.99	64	299325	9.673	ug/L	95
13) Acetone	2.81	43	61462m	9.319	ug/L	
14) Carbon disulfide	2.85	76	18042	0.156	ug/L #	81
18) trans-1,2-Dichloroethene	3.42	96	50785	1.439	ug/L	99
19) 1,1-Dichloroethane	3.94	63	21284	0.309	ug/L	94
30) Cyclohexane	5.48	56	427459	6.906	ug/L	98
33) Benzene	5.86	78	13685298	93.397	ug/L	100
35) Methylcyclohexane	6.83	83	399188	6.724	ug/L	98
42) Toluene	8.01	91	2146809	13.879	ug/L	99
51) Chlorobenzene	9.47	112	23843559m	248.389	ug/L	
52) Ethylbenzene	9.60	91	4931081	29.430	ug/L	100
53) m,p-Xylene	9.72	106	712483	11.090	ug/L	99
54) o-Xylene	10.12	106	1046805	16.852	ug/L	100
56) Isopropylbenzene	10.50	105	4643760	29.103	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	368091	5.025	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	1824720	24.584	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	757418	10.748	ug/L	99

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

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