

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040240.D
 Acq On : 21 Sep 2020 17:45
 Operator : SY/MD
 Sample : L4046-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q2

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 4:40:58 PM

Quant Time: Sep 22 15:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28005	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	28399	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	51646	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.67	46	157528	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	5.08	84	79055	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	49743	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	137976	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	48253	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	113232	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	20570	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	123360	56.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48553	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55758	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	13770m	1.778	ug/L	
17) Methyl tert-butyl Ether	3.38	73	4853	0.156	ug/L	# 1
30) Cyclohexane	5.40	56	25286	1.270	ug/L	98
33) Benzene	5.79	78	1853157	39.611	ug/L	100
35) Methylcyclohexane	6.78	83	19924	1.037	ug/L	89
42) Toluene	7.98	91	157983	3.279	ug/L	99
51) Chlorobenzene	9.45	112	1302752	43.552	ug/L	96
52) Ethylbenzene	9.57	91	18668	0.341	ug/L	99
53) m,p-Xylene	9.69	106	43582	2.236	ug/L	98
54) o-Xylene	10.10	106	19929	1.073	ug/L	95
56) Isopropylbenzene	10.48	105	153192	3.024	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	7223	0.302	ug/L	90
63) 1,4-Dichlorobenzene	11.83	146	110339	4.558	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	20423	0.882	ug/L	97

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

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