

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040342.D
 Acq On : 28 Sep 2020 19:29
 Operator : SY/MD
 Sample : L4139-07DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 BG493DL

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:27:56 PM

Quant Time: Sep 29 08:53:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60804	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35402	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.92	69	33722	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.58	63	60166	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.65	46	163565	59.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.16%
24) Chloroform-d	5.08	84	78800	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	50626	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	152118	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.70	67	51597	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.91	98	126215	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.18	79	20101	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	122435	58.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44766	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52943	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	2299	0.313	ug/L	88
16) Methylene chloride	3.06	84	2184	0.170	ug/L	83
25) Chloroform	5.11	83	3678	0.165	ug/L	91
30) Cyclohexane	5.41	56	2211m	0.117	ug/L	
33) Benzene	5.79	78	732756	16.461	ug/L	100
35) Methylcyclohexane	6.77	83	1954	0.107	ug/L	93
42) Toluene	7.98	91	806494	17.592	ug/L	100
51) Chlorobenzene	9.45	112	210953	7.412	ug/L	95
52) Ethylbenzene	9.57	91	89409	1.717	ug/L	99
53) m,p-Xylene	9.69	106	95684	5.160	ug/L	98
54) o-Xylene	10.10	106	37555	2.125	ug/L	98
56) Isopropylbenzene	10.48	105	41084	0.852	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	4878	0.217	ug/L	89
65) 1,2-Dichlorobenzene	12.21	146	3123	0.145	ug/L	90

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

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