Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025760.D
Acq On : 25 Mar 2020 10:30
Operator : CG/JU
Sample : L1938-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB778

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:23 AM

Quant Time: Mar 25 15:52:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	234749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	960962	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	592538	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1211654	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1260899	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1427227	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	29488	5.27	ng/uL	0.00
5) Phenol-d5	6.75	99	547239	29.54	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	312586	29.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	464635	30.90	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	410701	26.98	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	236068	33.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	258501	34.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	481241	30.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	556919	30.89	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1414447	31.41	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1758530	32.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	239277	27.91	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1260233	31.88	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	198942	26.91	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1822794	32.21	ng/ul	0.00
79) Pyrene-d10	19.35	212	2007750	33.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2434347	33.31	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.72	77	12651	1.289	ng/ul	97
45) Dimethylphthalate	13.67	163	282765	6.032	ng/ul	99
70) Phenanthrene	16.99	178	497768	6.979	ng/ul	99
72) Anthracene	17.09	178	121618	1.673	ng/ul	99
77) Fluoranthene	19.02	202	1139444	13.554	ng/ul	98
80) Pyrene	19.38	202	1025705	12.112	ng/ul	99
83) Benzo(a)anthracene	21.13	228	614014	7.386	ng/ul	99
85) Chrysene	21.18	228	591262	7.249	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	933702	10.485	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	283304m	3.229	ng/ul	
91) Benzo(a)pyrene	23.21	252	579093	7.146	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	457612	4.276	ng/ul	96
93) Dibenzo(a,h)anthracene	25.42	278	128845	1.422	ng/ul#	93
94) Benzo(g,h,i)perylene	26.06	276	318898	3.615	ng/ul	98

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

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