Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB795

Manual Integrations APPROVED
mohammad
3/27/2020 8:15:06 AM

Quant Time: Mar 25 17:56:33 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	200830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	823340	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	508961	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1061208	20.00	ng/ul	-0.01
78) Chrysene-d12	21.15	240	1094157	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1239225	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	27212	5.68	ng/uL	0.00
5) Phenol-d5	6.75	99	515811	32.54	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	297793	32.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	438904	34.12	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	372494	28.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	222473	36.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	245218	37.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	443573	33.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	486651	31.50	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1328613	34.35	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1653654	35.68	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	224037	30.42	ng/ul	0.00
58) Fluorene-d10	15.20	176	1185169	34.90	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	189361	29.25	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1711536	34.53	ng/ul	0.00
79) Pyrene-d10	19.35	212	1909300	36.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2291770	36.12	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.72	77	16711	1.991	ng/ul	93
28) Naphthalene	10.38	128	62135	1.386	ng/ul	97
45) Dimethylphthalate	13.67	163	243896	6.057	ng/ul	99
50) Acenaphthene	14.27	153	38944	1.141	ng/ul	99
59) Fluorene	15.26	166	43325	1.064	ng/ul#	95
70) Phenanthrene	16.99	178	846432	13.551	ng/ul	99
72) Anthracene	17.09	178	182177	2.862	ng/ul	99
75) Carbazole	17.36	167	78343	1.408	ng/ul	98
77) Fluoranthene	19.02	202	1492903	20.276	ng/ul	99
80) Pyrene	19.38	202	1343833	18.287	ng/ul	99
83) Benzo(a)anthracene	21.13	228	801755	11.114	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	10142872	233.637	ng/ul#	90
85) Chrysene	21.19	228	691804	9.775	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	134788	1.815	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1070334	13.843	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	362313m	4.757	ng/ul	
91) Benzo(a)pyrene	23.21	252	716359	10.181	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	532709	5.733	ng/ul	95
93) Dibenzo(a,h)anthracene	25.42	278	146978	1.868	ng/ul#	95
94) Benzo(g,h,i)perylene	26.07	276	365987	4.779	ng/ul	98

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

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