Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010093.D
Acq On : 05 Mar 2020 00:02
Operator : CG/JU
Sample : L1641-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z7

Manual Integrations APPROVED
mohammad
3/5/2020 3:56:28 PM

Quant Time: Mar 05 07:58:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	92105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	386686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	244185	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	512040	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	442913	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	484203	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	16217m	7.24	ng/uL	0.00
5) Phenol-d5	6.56	99	317598	40.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	226350	41.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	254027	43.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	196608	31.55	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	128261	45.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.21	143	146917	47.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	244995	41.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	112068	16.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	806956	44.24	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	975399	45.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	112795	33.86	ng/ul	0.00
58) Fluorene-d10	15.01	176	707637	44.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	116748	36.70	ng/ul	0.00
71) Anthracene-d10	16.86	188	960663	40.93	ng/ul	0.00
79) Pyrene-d10	19.17	212	1133873	48.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	1086876	44.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.15	128	24091	1.155	ng/ul	99
45) Dimethylphthalate	13.47	163	210916	11.082	ng/ul	100
50) Acenaphthene	14.06	153	26829	1.683	ng/ul	95
54) Dibenzofuran	14.42	168	27895	1.247	ng/ul	92
59) Fluorene	15.06	166	29192	1.555	ng/ul	99
70) Phenanthrene	16.80	178	461713	15.800	ng/ul	99
72) Anthracene	16.90	178	95926	3.211	ng/ul	98
75) Carbazole	17.18	167	44648	1.697	ng/ul	99
77) Fluoranthene	18.84	202	824588	24.090	ng/ul	97
80) Pyrene	19.20	202	745538	23.348	ng/ul	97
83) Benzo(a)anthracene	20.97	228	395103	12.981	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.93	149	70266	3.506	ng/ul#	97
85) Chrysene	21.02	228	372125	12.419	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	538090	17.140	ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	165640m	5.572	ng/ul	
91) Benzo(a)pyrene	22.99	252	334275	11.839	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	244275	7.287	ng/ul	97
93) Dibenzo(a,h)anthracene	25.11	278	63072	2.199	ng/ul#	89
94) Benzo(g,h,i)perylene	25.73	276	174900	6.222	ng/ul	96

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

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