Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012097.D
Acq On : 07 Oct 2020 15:11
Operator : CG/JU
Sample : L4184-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK6DL

Manual Integrations APPROVED
mohammad
10/8/2020 12:30:27 PM

Quant Time: Oct 07 16:06:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 13:26:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	347655	20.00	ng/ul	0.01
18) Naphthalene-d8	10.428	136	1406691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	828191	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1644804	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1432281	20.00	ng/ul	0.00
86) Perylene-d12	23.468	264	1638547	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9036	1.13	ng/uL	0.02
5) Phenol-d5	6.834	99	145882	5.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)eth...	6.993	67	97972	5.50	ng/ul	0.01
9) 2-Chlorophenol-d4	7.187	132	126546	5.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.358	113	121268	5.31	ng/ul	0.01
19) Nitrobenzene-d5	8.805	128	61003	5.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.522	143	61450	5.09	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.052	165	123432	5.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	84905	3.11	ng/ul	0.01
44) Dimethylphthalate-d6	13.704	166	394510	6.07	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	457401	5.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	29142	2.44	ng/ul	0.01
58) Fluorene-d10	15.292	176	325558	5.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.416	200	9401	0.90	ng/ul	0.00
71) Anthracene-d10	17.139	188	502924	6.31	ng/ul	0.00
79) Pyrene-d10	19.445	212	484511	6.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	528541	5.75	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.475	128	276209	3.43	ng/ul	97
34) 2-Methylnaphthalene	12.093	142	171828	3.11	ng/ul	85
45) Dimethylphthalate	13.751	163	190828	2.85	ng/ul	99
50) Acenaphthene	14.357	153	328836	5.62	ng/ul	99
54) Dibenzofuran	14.692	168	480503	6.01	ng/ul	98
59) Fluorene	15.345	166	575129	8.59	ng/ul	93
70) Phenanthrene	17.092	178	5693829	56.82	ng/ul	99
72) Anthracene	17.175	178	1808232	17.87	ng/ul	98
75) Carbazole	17.445	167	331455	3.77	ng/ul	98
77) Fluoranthene	19.116	202	7289999	64.77	ng/ul	99
80) Pyrene	19.480	202	6175894	59.78	ng/ul	99
83) Benzo(a)anthracene	21.239	228	3598081	37.29	ng/ul	99
85) Chrysene	21.292	228	3043411m	32.08	ng/ul	
88) Benzo(b)fluoranthene	22.810	252	4179552	36.41	ng/ul	99
89) Benzo(k)fluoranthene	22.845	252	1596424m	14.12	ng/ul	
91) Benzo(a)pyrene	23.374	252	3186848	30.61	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.686	276	2384645	17.94	ng/ul	97
93) Dibenzo(a,h)anthracene	25.692	278	670780	6.12	ng/ul#	81
94) Benzo(g,h,i)perylene	26.368	276	2032995	17.95	ng/ul	98

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

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