Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:22 AM

Quant Time: Nov 17 16:00:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 13:38:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	207157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	831168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	505140	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	954589	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	933943	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1036748	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	89643	4.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	63533	5.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	74842	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	73185	4.75	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	37237	5.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	38558	5.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	69413	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	277335	19.49	ng/ul	-0.03
44) Dimethylphthalate-d6	13.53	166	208044	5.04	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	257161	5.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	58342	7.55	ng/ul	0.00
58) Fluorene-d10	15.12	176	188395	5.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.96	188	269277m	5.55	ng/ul	0.00
79) Pyrene-d10	19.27	212	275514	5.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	302648	5.34	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.27	128	289272	6.020	ng/ul#	94
34) 2-Methylnaphthalene	11.90	142	1464422	43.669	ng/ul	95
41) 1,1'-Biphenyl	12.93	154	151364	3.615	ng/ul#	96
45) Dimethylphthalate	13.58	163	57115	1.374	ng/ul#	92
48) Acenaphthylene	13.83	152	74200	1.505	ng/ul#	1
50) Acenaphthene	14.17	153	136337	3.785	ng/ul	92
59) Fluorene	15.17	166	253713	6.081	ng/ul#	98
70) Phenanthrene	16.91	178	2382188	40.590	ng/ul	99
72) Anthracene	17.00	178	256013m	4.303	ng/ul	
77) Fluoranthene	18.93	202	259634	3.847	ng/ul#	93
80) Pyrene	19.30	202	1405090	21.131	ng/ul	99
83) Benzo(a)anthracene	21.06	228	167392	2.659	ng/ul#	29
85) Chrysene	21.12	228	322121m	5.250	ng/ul	
91) Benzo(a)pyrene	23.12	252	78883	1.247	ng/ul#	11

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

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