Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010438.D
Acq On : 08 Apr 2020 19:56
Operator : CG/JU
Sample : L2155-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 06:36:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : DBFA9

Manual Integrations APPROVED
mohammad
4/9/2020 11:38:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	630597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2636351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1685646	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	3692962	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	2909586	20.00	ng/ul	0.01
86) Perylene-d12	23.40	264	2726897	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	57627	4.32	ng/uL	0.00
5) Phenol-d5	6.80	99	1385458	26.34	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	783898	28.44	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	1296987	31.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1078281	24.26	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	681157	34.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	749120	36.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1404252	32.68	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	843464	16.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	4468122	35.13	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	5585815	37.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	430494	18.02	ng/ul	0.01
58) Fluorene-d10	15.24	176	4119036	37.16	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.36	200	218728	10.34	ng/ul	0.01
71) Anthracene-d10	17.09	188	6126104	36.13	ng/ul	0.01
79) Pyrene-d10	19.39	212	6374005	42.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.26	264	5150087	37.96	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.42	128	227019	1.601	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	302685	2.938	ng/ul	97
45) Dimethylphthalate	13.70	163	1097178	8.354	ng/ul	99
70) Phenanthrene	17.03	178	2277682	11.131	ng/ul	100
72) Anthracene	17.12	178	331092	1.618	ng/ul	98
75) Carbazole	17.39	167	177980	1.046	ng/ul	96
77) Fluoranthene	19.05	202	1537920	7.057	ng/ul	99
80) Pyrene	19.42	202	1449695	7.451	ng/ul	96
83) Benzo(a)anthracene	21.18	228	590467	3.021	ng/ul#	84
85) Chrysene	21.23	228	804860	4.318	ng/ul#	88
88) Benzo(b)fluoranthene	22.74	252	828106	5.015	ng/ul#	57
89) Benzo(k)fluoranthene	22.78	252	255458m	1.593	ng/ul	
91) Benzo(a)pyrene	23.30	252	519328	3.359	ng/ul#	64
92) Indeno(1,2,3-cd)pyrene	25.57	276	422300	2.117	ng/ul#	89
94) Benzo(g,h,i)perylene	26.22	276	431132m	2.565	ng/ul	

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

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