Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:17 AM

Quant Time: Feb 10 12:42:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	679826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	414166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	827860	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	753350	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	836520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1577	0.40	ng/uL	0.01
5) Phenol-d5	6.64	99	30684	2.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	27633	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	24393	2.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	24563	2.18	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	12715	2.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	12097	2.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	23317	2.21	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	78951	2.61	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	93719	2.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	4673m	0.82	ng/ul	0.01
57) Fluorene-d10	15.07	176	71614	2.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	6534	1.26	ng/ul	0.01
70) Anthracene-d10	16.93	188	108122	2.87	ng/ul	0.00
78) Pyrene-d10	19.23	212	115763	2.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	116557	2.83	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.24	128	8616890	233.733	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	4351403	168.662	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	463087	14.361	ng/ul	98
47) Acenaphthylene	13.79	152	315741	7.898	ng/ul#	90
49) Acenaphthene	14.14	153	1472711	54.188	ng/ul	100
53) Dibenzofuran	14.47	168	199431	5.270	ng/ul#	87
58) Fluorene	15.13	166	995896	31.487	ng/ul	98
69) Phenanthrene	16.87	178	4977318	105.425	ng/ul	99
71) Anthracene	16.96	178	1106392	23.096	ng/ul	99
74) Carbazole	17.24	167	81734	1.960	ng/ul#	94
76) Fluoranthene	18.90	202	1074390	19.939	ng/ul	100
79) Pyrene	19.26	202	1598232	29.062	ng/ul	96
82) Benzo(a)anthracene	21.03	228	571593m	10.989	ng/ul	
84) Chrysene	21.08	228	487397	9.412	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	297555	5.685	ng/ul	96
88) Benzo(k)fluoranthene	22.57	252	89271m	1.732	ng/ul	
90) Benzo(a)pyrene	23.07	252	346335	7.142	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	119694	2.076	ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	111663	2.311	ng/ul	99

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

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