Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009609.D
Acq On : 06 Feb 2020 14:32
Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:14 AM

Quant Time: Feb 06 22:04:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	139187	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	569154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	349430	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	686378	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	624308	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	724358	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	15152	4.47	ng/uL	0.00
5) Phenol-d5	6.63	99	283111	23.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	204102	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	229097	25.64	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	221715	22.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	115206	27.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	126491	26.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	217043	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	290402	30.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	671208	26.31	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	808110	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	94605	19.64	ng/ul	0.00
57) Fluorene-d10	15.07	176	575828	25.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	79639	18.58	ng/ul	0.01
70) Anthracene-d10	16.93	188	883682	28.33	ng/ul	0.00
78) Pyrene-d10	19.24	212	919779	28.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	988069	27.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	23760745m	769.835	ng/ul	
34) 2-Methylnaphthalene	11.87	142	7380095	341.678	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	1239645	45.564	ng/ul	99
47) Acenaphthylene	13.79	152	4166897	123.538	ng/ul	99
49) Acenaphthene	14.14	153	361629	15.771	ng/ul	98
53) Dibenzofuran	14.47	168	379933	11.899	ng/ul	92
58) Fluorene	15.14	166	2621381	98.234	ng/ul	100
69) Phenanthrene	16.89	178	11541425	294.850	ng/ul	98
71) Anthracene	16.96	178	2694566	67.844	ng/ul	99
74) Carbazole	17.24	167	125106	3.618	ng/ul	96
76) Fluoranthene	18.90	202	4631047	103.660	ng/ul	97
79) Pyrene	19.27	202	6936055	152.192	ng/ul	99
82) Benzo(a)anthracene	21.03	228	2369575m	54.972	ng/ul	
84) Chrysene	21.08	228	2088353	48.666	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	1706444	37.653	ng/ul	99
88) Benzo(k)fluoranthene	22.57	252	488829m	10.952	ng/ul	
90) Benzo(a)pyrene	23.07	252	2007241	47.804	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	774201	15.508	ng/ul	97
92) Dibenzo(a,h)anthracene	25.22	278	218487	5.199	ng/ul#	85
93) Benzo(g,h,i)perylene	25.84	276	747188	17.859	ng/ul	96

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

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