Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115657.D
Acq On : 18 Jul 2019 20:59
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 08:02:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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7/19/2019 3:58:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128960	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	507318	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	224170	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	387069	20.00	ng		0.00
76) Chrysene-d12	14.04	240	290155	20.00	ng		-0.01
87) Perylene-d12	15.50	264	310078	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	675756	85.71	ng		0.00
7) Phenol-d6	6.52	99	811216	81.09	ng		0.00
23) Nitrobenzene-d5	7.45	82	721379	82.68	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	210803	80.56	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1239779	96.80	ng		-0.01
79) Terphenyl-d14	12.98	244	1250028	79.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	164246	41.764	ng		97
3) Pyridine	3.40	79	445992	41.799	ng		99
4) n-Nitrosodimethylamine	3.33	42	166061m	42.901	ng		
6) Aniline	6.55	93	554908	39.859	ng		99
8) 2-Chlorophenol	6.67	128	366320	40.413	ng		99
9) Benzaldehyde	6.43	77	264087	42.244	ng		98
10) Phenol	6.53	94	475445	40.940	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	361677	40.906	ng		98
12) 1,3-Dichlorobenzene	6.83	146	409010	40.133	ng		99
13) 1,4-Dichlorobenzene	6.90	146	431768	42.462	ng		97
14) 1,2-Dichlorobenzene	7.06	146	401170	43.158	ng		97
15) Benzyl Alcohol	7.02	79	331566	41.780	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	506380	43.502	ng		96
17) 2-Methylphenol	7.13	107	315947	40.446	ng		99
18) Hexachloroethane	7.40	117	142597	37.782	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	256544	39.321	ng		100
20) 3+4-Methylphenols	7.29	107	376283	40.553	ng		94
22) Acetophenone	7.29	105	489320	42.694	ng	#	94
24) Nitrobenzene	7.46	77	384612	40.871	ng		95
25) Isophorone	7.70	82	722712	41.396	ng		99
26) 2-Nitrophenol	7.78	139	203504	42.014	ng		99
27) 2,4-Dimethylphenol	7.82	122	295408	40.761	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	465424	43.455	ng		98
29) 2,4-Dichlorophenol	8.02	162	307842	40.843	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	355375	41.711	ng		99
31) Naphthalene	8.19	128	1014273	41.282	ng		97
32) Benzoic acid	7.92	122	120091	20.191	ng		99
33) 4-Chloroaniline	8.23	127	465352	42.759	ng		99
34) Hexachlorobutadiene	8.31	225	209353	42.849	ng		98
35) Caprolactam	8.60	113	92953	39.909	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	312675	39.992	ng		99
37) 2-Methylnaphthalene	8.88	142	693460	42.579	ng		97
38) 1-Methylnaphthalene	8.98	142	653281	42.230	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	319187	47.283	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	39400	10.232 ng	96
43) 2,4,6-Trichlorophenol	9.15	196	209171	42.371 ng	95
44) 2,4,5-Trichlorophenol	9.19	196	220161	43.548 ng	98
46) 1,1'-Biphenyl	9.34	154	806479	46.018 ng	98
47) 2-Chloronaphthalene	9.37	162	662514	45.401 ng	96
48) 2-Nitroaniline	9.46	65	212537	47.057 ng	96
49) Acenaphthylene	9.78	152	970738	44.895 ng	97
50) Dimethylphthalate	9.64	163	801103	47.498 ng	98
51) 2,6-Dinitrotoluene	9.70	165	166766	43.509 ng	93
52) Acenaphthene	9.95	154	564506	40.438 ng	99
53) 3-Nitroaniline	9.86	138	184807	42.193 ng	98
54) 2,4-Dinitrophenol	9.97	184	23486	11.935 ng	91
55) Dibenzofuran	10.12	168	856138	43.185 ng	99
56) 4-Nitrophenol	10.02	139	124282	37.210 ng	93
57) 2,4-Dinitrotoluene	10.10	165	209728	42.235 ng	98
58) Fluorene	10.47	166	591694	41.750 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	173652	41.089 ng	99
60) Diethylphthalate	10.33	149	706447	44.705 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	320039	40.721 ng	99
62) 4-Nitroaniline	10.47	138	168793	40.175 ng	99
63) Azobenzene	10.62	77	703972	45.927 ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	44544	18.836 ng	95
66) n-Nitrosodiphenylamine	10.57	169	581522	48.298 ng	98
67) 4-Bromophenyl-phenylether	10.94	248	203806	46.076 ng	97
68) Hexachlorobenzene	11.02	284	221422	43.834 ng	99
69) Atrazine	11.09	200	164894	41.746 ng	99
70) Pentachlorophenol	11.21	266	113621	36.776 ng	98
71) Phenanthrene	11.43	178	852654	42.975 ng	96
72) Anthracene	11.48	178	912405	44.497 ng	99
73) Carbazole	11.63	167	814686	45.308 ng	98
74) Di-n-butylphthalate	11.96	149	1047418	47.290 ng	99
75) Fluoranthene	12.62	202	884737	42.198 ng	99
77) Benzidine	12.73	184	489266	47.599 ng	100
78) Pyrene	12.84	202	937498	38.136 ng	97
80) Butylbenzylphthalate	13.45	149	434257	41.438 ng	92
81) Benzo(a)anthracene	14.03	228	837612	43.819 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	322716	47.490 ng	100
83) Chrysene	14.07	228	809684	42.195 ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	569992	43.910 ng	99
85) Di-n-octyl phthalate	14.62	149	1026944	49.722 ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	704646	43.222 ng	99
88) Benzo(b)fluoranthene	15.07	252	866313	43.388 ng	100
89) Benzo(k)fluoranthene	15.10	252	762362	42.826 ng	99
90) Benzo(a)pyrene	15.44	252	689033	40.151 ng	100
91) Dibenzo(a,h)anthracene	16.99	278	578391	38.391 ng	98
92) Benzo(g,h,i)perylene	17.42	276	526291	35.027 ng	100

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

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