Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102113.D
Acq On : 16 Jan 2018 16:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/17/2018 10:41:55 AM

Quant Time: Jan 17 09:07:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140260	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	587313	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	265683	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	470088	20.00	ng		0.00
75) Chrysene-d12	13.87	240	357200	20.00	ng		0.00
86) Perylene-d12	15.28	264	291997	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	725784	73.07	ng		0.00
7) Phenol-d6	6.36	99	855541	72.19	ng		0.00
23) Nitrobenzene-d5	7.29	82	790013	79.05	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	208986	90.14	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1434200	84.33	ng		0.00
78) Terphenyl-d14	12.82	244	1226559	71.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	163399	32.963	ng		96
3) Pyridine	3.08	79	442836	32.713	ng		92
4) n-Nitrosodimethylamine	3.05	42	182688	32.227	ng		94
6) Aniline	6.39	93	580206	34.740	ng		99
8) 2-Chlorophenol	6.50	128	382957	38.442	ng		99
9) Benzaldehyde	6.27	77	265268m	32.237	ng		
10) Phenol	6.37	94	463122	34.580	ng		90
11) bis(2-Chloroethyl)ether	6.46	93	359241	35.241	ng		98
12) 1,3-Dichlorobenzene	6.66	146	440629	38.370	ng		99
13) 1,4-Dichlorobenzene	6.74	146	447111	39.018	ng		99
14) 1,2-Dichlorobenzene	6.89	146	417744	39.386	ng		99
15) Benzyl Alcohol	6.87	79	318896	36.787	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	603833	32.133	ng		99
17) 2-Methylphenol	6.98	107	328278	36.529	ng		99
18) Hexachloroethane	7.23	117	158669	39.321	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	269478	34.698	ng		97
20) 3+4-Methylphenols	7.13	107	397720	36.859	ng	#	71
22) Acetophenone	7.14	105	520844	36.807	ng	#	93
24) Nitrobenzene	7.31	77	399873	37.234	ng		99
25) Isophorone	7.55	82	698689	35.380	ng		98
26) 2-Nitrophenol	7.62	139	214018	47.613	ng		99
27) 2,4-Dimethylphenol	7.66	122	307198	36.594	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	424494	35.600	ng		99
29) 2,4-Dichlorophenol	7.86	162	314262	39.425	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	337496	40.478	ng		99
31) Naphthalene	8.03	128	1110525	37.841	ng		100
32) Benzoic acid	7.79	122	240037	37.708	ng		99
33) 4-Chloroaniline	8.08	127	467905	37.355	ng		98
34) Hexachlorobutadiene	8.14	225	185678	42.072	ng		97
35) Caprolactam	8.46	113	103808	37.935	ng		95
36) 4-Chloro-3-methylphenol	8.56	107	333620	38.235	ng		95
37) 2-Methylnaphthalene	8.72	142	745119	38.567	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	309937	41.235	ng		99
40) Hexachlorocyclopentadiene	8.87	237	177996	43.301	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	212362	41.000	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	243543	41.601	ng		99
45) 1,1'-Biphenyl	9.18	154	914300	38.934	ng		99
46) 2-Chloronaphthalene	9.20	162	720663	39.574	ng		98
47) 2-Nitroaniline	9.30	65	224980	41.244	ng		98
48) Acenaphthylene	9.62	152	1111665	38.466	ng		100
49) Dimethylphthalate	9.49	163	835655	39.208	ng		99
50) 2,6-Dinitrotoluene	9.55	165	185543	43.582	ng		89
51) Acenaphthene	9.79	154	643812	36.703	ng		100
52) 3-Nitroaniline	9.72	138	213754	39.783	ng		99
53) 2,4-Dinitrophenol	9.82	184	88334	57.075	ng	#	19
54) Dibenzofuran	9.96	168	918027	38.134	ng		97
55) 4-Nitrophenol	9.87	139	162600	40.608	ng		93
56) 2,4-Dinitrotoluene	9.95	165	238493	44.694	ng		94
57) Fluorene	10.30	166	708283	42.560	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	170720	40.962	ng		99
59) Diethylphthalate	10.18	149	813629	38.377	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	307761	43.429	ng		98
61) 4-Nitroaniline	10.33	138	218875	42.923	ng		95
62) Azobenzene	10.46	77	734861	34.838	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	127610	49.749	ng		90
65) n-Nitrosodiphenylamine	10.42	169	651795	37.028	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	196798	39.642	ng		97
67) Hexachlorobenzene	10.85	284	214718	39.619	ng	#	90
68) Atrazine	10.94	200	203342	39.972	ng		99
69) Pentachlorophenol	11.04	266	140285	42.449	ng		99
70) Phenanthrene	11.26	178	1030746	37.537	ng		100
71) Anthracene	11.32	178	1049912	37.700	ng		99
72) Carbazole	11.47	167	1031226	37.673	ng		100
73) Di-n-butylphthalate	11.80	149	1270808	37.841	ng		99
74) Fluoranthene	12.45	202	1061239	39.281	ng		96
76) Benzidine	12.57	184	501812	29.093	ng		99
77) Pyrene	12.67	202	1078768	34.166	ng		99
79) Butylbenzylphthalate	13.30	149	529231	36.523	ng		97
80) Benzo(a)anthracene	13.86	228	819544	35.960	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	311263	36.886	ng		99
82) Chrysene	13.90	228	848126	35.689	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	631561	37.994	ng		99
84) Di-n-octyl phthalate	14.47	149	1022015	37.051	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	636111	36.777	ng		99
87) Benzo(b)fluoranthene	14.88	252	777496	40.837	ng		99
88) Benzo(k)fluoranthene	14.91	252	647394	35.249	ng		99
89) Benzo(a)pyrene	15.23	252	655762	38.276	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	523759	38.308	ng		98
91) Benzo(g,h,i)perylene	17.07	276	520016	37.758	ng		98

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

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