Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101139.D
Acq On : 5 Dec 2017 22:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:34 PM

Quant Time: Dec 06 02:52:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49696	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	188051	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	86744	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	159216	20.00	ng		0.00
75) Chrysene-d12	14.02	240	98427	20.00	ng		0.00
86) Perylene-d12	15.49	264	107080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	248859	82.75	ng		0.00
7) Phenol-d6	6.49	99	291223	79.76	ng		0.00
23) Nitrobenzene-d5	7.42	82	255919	81.18	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	76379	73.30	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	529641	83.54	ng		0.00
78) Terphenyl-d14	12.96	244	442049	98.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	50668	40.743	ng		97
3) Pyridine	3.38	79	140411	43.554	ng		94
4) n-Nitrosodimethylamine	3.33	42	68294	43.373	ng	#	86
6) Aniline	6.52	93	185584	39.086	ng		99
8) 2-Chlorophenol	6.63	128	130361	39.755	ng		97
9) Benzaldehyde	6.40	77	82376	36.861	ng		98
10) Phenol	6.50	94	158126	38.947	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	116505	38.257	ng		99
12) 1,3-Dichlorobenzene	6.79	146	154725	40.523	ng		97
13) 1,4-Dichlorobenzene	6.86	146	157942	39.954	ng		97
14) 1,2-Dichlorobenzene	7.02	146	146524	39.738	ng		97
15) Benzyl Alcohol	6.99	79	109177	38.714	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	156813m	37.882	ng		
17) 2-Methylphenol	7.10	107	100988	38.140	ng		99
18) Hexachloroethane	7.36	117	47315	37.255	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	90679	36.876	ng		94
20) 3+4-Methylphenols	7.26	107	131821	38.174	ng	#	75
22) Acetophenone	7.26	105	182479	40.165	ng	#	93
24) Nitrobenzene	7.44	77	126206	40.849	ng		97
25) Isophorone	7.67	82	210154	39.028	ng		98
26) 2-Nitrophenol	7.75	139	64548	38.058	ng		93
27) 2,4-Dimethylphenol	7.79	122	99157	40.415	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	141919	39.215	ng		98
29) 2,4-Dichlorophenol	7.99	162	109330	40.938	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	117513	40.017	ng		93
31) Naphthalene	8.16	128	368295	39.738	ng		99
32) Benzoic acid	7.92	122	65232m	34.184	ng		
33) 4-Chloroaniline	8.20	127	147867	39.707	ng		99
34) Hexachlorobutadiene	8.26	225	75019	41.652	ng		98
35) Caprolactam	8.59	113	30300	36.406	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	108842	39.344	ng		98
37) 2-Methylnaphthalene	8.85	142	244323	38.797	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	133132	42.248	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	12438	17.895	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	77249	41.818	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	82208	41.627	ng	#	90
45) 1,1'-Biphenyl	9.31	154	324854	40.875	ng		98
46) 2-Chloronaphthalene	9.33	162	232270	41.152	ng		96
47) 2-Nitroaniline	9.43	65	66437	39.785	ng		97
48) Acenaphthylene	9.75	152	371755	40.079	ng		100
49) Dimethylphthalate	9.61	163	275807	39.425	ng		99
50) 2,6-Dinitrotoluene	9.68	165	56890	38.610	ng	#	79
51) Acenaphthene	9.92	154	217757	39.206	ng		98
52) 3-Nitroaniline	9.85	138	64155	38.718	ng		100
53) 2,4-Dinitrophenol	9.96	184	8516	15.388	ng	#	14
54) Dibenzofuran	10.09	168	312442	39.036	ng		100
55) 4-Nitrophenol	10.01	139	36574	32.729	ng		92
56) 2,4-Dinitrotoluene	10.09	165	72098	36.511	ng	#	90
57) Fluorene	10.44	166	251782	38.697	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60277	38.120	ng	#	85
59) Diethylphthalate	10.30	149	265710	38.508	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	127130	39.573	ng		89
61) 4-Nitroaniline	10.46	138	60895	35.403	ng		93
62) Azobenzene	10.59	77	220444	37.645	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	22106	20.700	ng	#	74
65) n-Nitrosodiphenylamine	10.55	169	241762	43.041	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	75035	42.104	ng	#	88
67) Hexachlorobenzene	10.99	284	76077	39.830	ng	#	91
68) Atrazine	11.07	200	70381	40.848	ng		98
69) Pentachlorophenol	11.18	266	34580	32.927	ng		97
70) Phenanthrene	11.40	178	339277	38.695	ng		98
71) Anthracene	11.46	178	345699	38.957	ng		99
72) Carbazole	11.61	167	298922	36.868	ng		99
73) Di-n-butylphthalate	11.93	149	401644	39.522	ng		98
74) Fluoranthene	12.59	202	318944	32.816	ng		94
76) Benzidine	12.71	184	125929	39.345	ng		99
77) Pyrene	12.82	202	313634	46.179	ng		98
79) Butylbenzylphthalate	13.43	149	133730	44.660	ng		95
80) Benzo(a)anthracene	14.01	228	244384	39.325	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	86314	40.104	ng	#	96
82) Chrysene	14.05	228	229716	39.801	ng		97
83) Bis(2-ethylhexyl)phthalate	13.98	149	177785	41.640	ng		98
84) Di-n-octyl phthalate	14.60	149	265512	37.349	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	259013	50.478	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	259993	40.536	ng		98
88) Benzo(k)fluoranthene	15.09	252	217765	34.462	ng		98
89) Benzo(a)pyrene	15.43	252	227312	38.984	ng		96
90) Dibenzo(a,h)anthracene	17.00	278	218619	42.528	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	203760	42.060	ng	#	90

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

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