Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103670.D
Acq On : 15 Mar 2018 15:39
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:09 PM

Quant Time: Mar 15 17:59:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 16:35:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155736	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	647968	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	296795	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	529029	20.00	ng		0.00
75) Chrysene-d12	14.15	240	430701	20.00	ng		0.00
86) Perylene-d12	15.68	264	390094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	827995	80.41	ng		0.00
7) Phenol-d6	6.59	99	1004726	79.74	ng		0.00
23) Nitrobenzene-d5	7.53	82	778627	68.62	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	220702	87.85	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1441947	82.59	ng		0.00
78) Terphenyl-d14	13.09	244	1424439	79.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	205288	37.747	ng		93
3) Pyridine	3.60	79	556047	38.297	ng		92
4) n-Nitrosodimethylamine	3.56	42	204763	34.969	ng		95
6) Aniline	6.63	93	723353	39.778	ng		98
8) 2-Chlorophenol	6.75	128	435045	40.670	ng		98
9) Benzaldehyde	6.52	77	328181	41.550	ng		98
10) Phenol	6.60	94	530037	36.236	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	436252	39.296	ng		95
12) 1,3-Dichlorobenzene	6.91	146	488134	39.932	ng		98
13) 1,4-Dichlorobenzene	6.99	146	491125	40.073	ng		100
14) 1,2-Dichlorobenzene	7.14	146	452702	40.059	ng		99
15) Benzyl Alcohol	7.10	79	391530	41.237	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	624690	32.768	ng		96
17) 2-Methylphenol	7.20	107	383833	39.485	ng		98
18) Hexachloroethane	7.48	117	176087	39.467	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	318444	40.608	ng		95
20) 3+4-Methylphenols	7.36	107	490234	41.370	ng		95
22) Acetophenone	7.37	105	654878	43.299	ng	#	97
24) Nitrobenzene	7.55	77	455111	36.432	ng		98
25) Isophorone	7.79	82	838703	37.532	ng		98
26) 2-Nitrophenol	7.86	139	145691	24.774	ng		97
27) 2,4-Dimethylphenol	7.89	122	367040	40.831	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	515485	39.235	ng		100
29) 2,4-Dichlorophenol	8.10	162	344253	40.000	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	384515	41.956	ng		99
31) Naphthalene	8.27	128	1278967	40.316	ng		99
32) Benzoic acid	8.00	122	224269m	37.796	ng		
33) 4-Chloroaniline	8.32	127	552285	40.344	ng		99
34) Hexachlorobutadiene	8.39	225	212057	44.433	ng		100
35) Caprolactam	8.69	113	116119	38.390	ng		89
36) 4-Chloro-3-methylphenol	8.79	107	374948	38.626	ng		100
37) 2-Methylnaphthalene	8.96	142	823054	40.145	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	338940	41.773	ng		99
40) Hexachlorocyclopentadiene	9.12	237	185883	82.485	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	229381	42.014	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	257907	41.073	ng		97
45) 1,1'-Biphenyl	9.43	154	984435	39.583	ng		100
46) 2-Chloronaphthalene	9.46	162	786175	39.957	ng		98
47) 2-Nitroaniline	9.55	65	196138	26.912	ng		92
48) Acenaphthylene	9.87	152	1204934	39.803	ng		99
49) Dimethylphthalate	9.73	163	906967	38.093	ng		99
50) 2,6-Dinitrotoluene	9.79	165	174087	34.842	ng	#	86
51) Acenaphthene	10.05	154	724841	41.062	ng		99
52) 3-Nitroaniline	9.96	138	210547	33.214	ng		97
53) 2,4-Dinitrophenol	10.06	184	30610	22.055	ng	#	46
54) Dibenzofuran	10.22	168	1027257	42.392	ng		98
55) 4-Nitrophenol	10.10	139	155855	39.670	ng		93
56) 2,4-Dinitrotoluene	10.19	165	215884	34.163	ng		96
57) Fluorene	10.56	166	797633	38.640	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	187013	44.335	ng		99
59) Diethylphthalate	10.43	149	900420	39.541	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	361479	41.294	ng		95
61) 4-Nitroaniline	10.57	138	203006	32.062	ng		94
62) Azobenzene	10.71	77	913139	39.395	ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	68591	23.188	ng		95
65) n-Nitrosodiphenylamine	10.67	169	722461	39.222	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	220517	40.015	ng		96
67) Hexachlorobenzene	11.10	284	247956	41.454	ng		98
68) Atrazine	11.19	200	225994	40.819	ng		98
69) Pentachlorophenol	11.30	266	151698	52.451	ng		98
70) Phenanthrene	11.53	178	1139007	39.122	ng		99
71) Anthracene	11.58	178	1164101	38.992	ng		99
72) Carbazole	11.73	167	1142262	38.421	ng		100
73) Di-n-butylphthalate	12.05	149	1390908	37.389	ng		99
74) Fluoranthene	12.72	202	1195228	40.853	ng		100
76) Benzidine	12.84	184	750942	46.637	ng		99
77) Pyrene	12.95	202	1234619	36.766	ng		99
79) Butylbenzylphthalate	13.56	149	576416	32.489	ng		98
80) Benzo(a)anthracene	14.14	228	1086658	38.885	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	386108	38.715	ng		96
82) Chrysene	14.18	228	1022994	37.701	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	835711	34.906	ng		100
84) Di-n-octyl phthalate	14.74	149	1272714	32.901	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	919921	42.824	ng		97
87) Benzo(b)fluoranthene	15.23	252	972400	37.913	ng		99
88) Benzo(k)fluoranthene	15.26	252	952461	39.436	ng		99
89) Benzo(a)pyrene	15.62	252	896280	39.132	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	767659	43.375	ng		99
91) Benzo(g,h,i)perylene	17.72	276	736763	42.594	ng		96

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

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