Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103825.D
Acq On : 21 Mar 2018 2:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:58 PM

Quant Time: Mar 21 13:09:41 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 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156238	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	609724	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	277471	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	442784	20.00	ng		0.01
75) Chrysene-d12	14.16	240	299643	20.00	ng		0.01
86) Perylene-d12	15.70	264	269776	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	830154	80.82	ng		0.00
7) Phenol-d6	6.59	99	995477	79.21	ng		0.00
23) Nitrobenzene-d5	7.54	82	813072	92.99	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	219176	91.87	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1374271	79.01	ng		0.00
78) Terphenyl-d14	13.09	244	1074915	83.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	197064	38.961	ng		89
3) Pyridine	3.59	79	540112	38.823	ng		89
4) n-Nitrosodimethylamine	3.56	42	177811	34.664	ng	#	75
6) Aniline	6.64	93	696227	38.798	ng		97
8) 2-Chlorophenol	6.76	128	445360	41.388	ng		96
9) Benzaldehyde	6.53	77	313899	38.020	ng		97
10) Phenol	6.61	94	522627	39.136	ng		95
11) bis(2-Chloroethyl)ether	6.71	93	433084	39.285	ng		92
12) 1,3-Dichlorobenzene	6.92	146	487500	39.777	ng		98
13) 1,4-Dichlorobenzene	6.99	146	486090	39.470	ng		98
14) 1,2-Dichlorobenzene	7.15	146	434762	38.044	ng		100
15) Benzyl Alcohol	7.11	79	354889	36.447	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	530906	33.860	ng		93
17) 2-Methylphenol	7.22	107	364065	37.993	ng		98
18) Hexachloroethane	7.49	117	152380	35.176	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	279570	34.712	ng		90
20) 3+4-Methylphenols	7.37	107	451524	37.129	ng		99
22) Acetophenone	7.38	105	576256	36.774	ng	#	95
24) Nitrobenzene	7.56	77	433604	42.242	ng		98
25) Isophorone	7.79	82	739476	36.535	ng		100
26) 2-Nitrophenol	7.87	139	218049	54.292	ng		95
27) 2,4-Dimethylphenol	7.90	122	340926	39.318	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	466010	38.022	ng		100
29) 2,4-Dichlorophenol	8.11	162	328189	41.602	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	363482	39.726	ng		99
31) Naphthalene	8.28	128	1174215	38.124	ng		100
32) Benzoic acid	8.00	122	222447m	38.761	ng		
33) 4-Chloroaniline	8.32	127	514134	39.789	ng		98
34) Hexachlorobutadiene	8.39	225	201785	40.224	ng		99
35) Caprolactam	8.70	113	113479	41.775	ng	#	79
36) 4-Chloro-3-methylphenol	8.80	107	363697	41.820	ng		97
37) 2-Methylnaphthalene	8.97	142	791541	40.525	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	339480	42.886	ng		99
40) Hexachlorocyclopentadiene	9.12	237	32669	7.998	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	235627	46.537	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	261200	45.706	ng		94
45) 1,1'-Biphenyl	9.43	154	936724	40.486	ng		100
46) 2-Chloronaphthalene	9.46	162	750464	40.837	ng		99
47) 2-Nitroaniline	9.56	65	239698	49.596	ng		95
48) Acenaphthylene	9.88	152	1138334	39.946	ng		99
49) Dimethylphthalate	9.73	163	887901	41.942	ng		99
50) 2,6-Dinitrotoluene	9.80	165	194882	47.622	ng		91
51) Acenaphthene	10.05	154	663225	39.196	ng		99
52) 3-Nitroaniline	9.97	138	235008	47.892	ng		98
53) 2,4-Dinitrophenol	10.07	184	17079	28.565	ng	#	25
54) Dibenzofuran	10.22	168	972437	40.240	ng		99
55) 4-Nitrophenol	10.12	139	157938	43.188	ng		93
56) 2,4-Dinitrotoluene	10.20	165	253141	48.690	ng	#	85
57) Fluorene	10.57	166	740353	39.481	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	180255	44.514	ng		95
59) Diethylphthalate	10.43	149	867810	41.302	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	353525	41.251	ng		94
61) 4-Nitroaniline	10.59	138	220117	46.708	ng		94
62) Azobenzene	10.72	77	797050	37.312	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	43204	32.550	ng		81
65) n-Nitrosodiphenylamine	10.67	169	679314	45.073	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	209793	46.147	ng		96
67) Hexachlorobenzene	11.12	284	221278	42.645	ng		94
68) Atrazine	11.20	200	210253	45.097	ng		99
69) Pentachlorophenol	11.31	266	117425	39.363	ng		97
70) Phenanthrene	11.53	178	961855	39.711	ng		99
71) Anthracene	11.59	178	967884	39.344	ng		100
72) Carbazole	11.74	167	919512	38.456	ng		99
73) Di-n-butylphthalate	12.06	149	1240919	43.253	ng		100
74) Fluoranthene	12.73	202	869816	34.858	ng		99
76) Benzidine	12.84	184	523471	40.960	ng		100
77) Pyrene	12.96	202	882724	40.114	ng		100
79) Butylbenzylphthalate	13.56	149	445172	45.660	ng		97
80) Benzo(a)anthracene	14.15	228	758858	40.009	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	280666	44.238	ng		97
82) Chrysene	14.19	228	749538	41.455	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	627189	45.030	ng		99
84) Di-n-octyl phthalate	14.74	149	979758	48.352	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	554337	35.107	ng		98
87) Benzo(b)fluoranthene	15.24	252	714707	41.934	ng		98
88) Benzo(k)fluoranthene	15.27	252	657472	40.130	ng		99
89) Benzo(a)pyrene	15.63	252	625634	40.471	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	467492	34.924	ng		98
91) Benzo(g,h,i)perylene	17.76	276	437977	33.633	ng		98

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

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