Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103913.D
Acq On : 26 Mar 2018 9:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/27/2018 2:15:18 PM

Quant Time: Mar 27 07:27:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143547	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	581608	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	270675	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	483399	20.00	ng		0.00
75) Chrysene-d12	14.17	240	358277	20.00	ng		0.00
86) Perylene-d12	15.71	264	323663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	701753	74.36	ng		0.00
7) Phenol-d6	6.60	99	864858	74.90	ng		0.00
23) Nitrobenzene-d5	7.55	82	765412	91.77	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	229109	98.44	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1310684	77.24	ng		0.00
78) Terphenyl-d14	13.10	244	1256282	81.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	166091	35.740	ng	#	88
3) Pyridine	3.61	79	475051	37.165	ng		87
4) n-Nitrosodimethylamine	3.57	42	152909	32.444	ng		80
6) Aniline	6.64	93	606490	36.785	ng		98
8) 2-Chlorophenol	6.76	128	385789	39.021	ng		94
9) Benzaldehyde	6.53	77	248497	32.759	ng		92
10) Phenol	6.62	94	469122	38.235	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	374812	37.005	ng		94
12) 1,3-Dichlorobenzene	6.92	146	431916	38.358	ng		99
13) 1,4-Dichlorobenzene	6.99	146	436292	38.559	ng		99
14) 1,2-Dichlorobenzene	7.15	146	404439	38.519	ng		97
15) Benzyl Alcohol	7.12	79	332476	37.164	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	491682	34.130	ng		92
17) 2-Methylphenol	7.22	107	337535	38.338	ng		97
18) Hexachloroethane	7.49	117	155897	39.169	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	260688	35.230	ng		91
20) 3+4-Methylphenols	7.37	107	419543	37.549	ng		93
22) Acetophenone	7.39	105	543657	36.371	ng	#	93
24) Nitrobenzene	7.56	77	406701	41.537	ng		94
25) Isophorone	7.79	82	694155	35.954	ng		99
26) 2-Nitrophenol	7.87	139	212141	55.186	ng		93
27) 2,4-Dimethylphenol	7.90	122	325106	39.306	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	435806	37.277	ng		99
29) 2,4-Dichlorophenol	8.12	162	311111	41.344	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	347822	39.852	ng		99
31) Naphthalene	8.28	128	1119108	38.091	ng		99
32) Benzoic acid	8.02	122	181696m	34.614	ng		
33) 4-Chloroaniline	8.33	127	489892	39.745	ng		97
34) Hexachlorobutadiene	8.39	225	187527	39.189	ng		99
35) Caprolactam	8.71	113	106440	41.078	ng	#	79
36) 4-Chloro-3-methylphenol	8.80	107	329055	39.666	ng		94
37) 2-Methylnaphthalene	8.97	142	720778	38.686	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	321401	41.621	ng		99
40) Hexachlorocyclopentadiene	9.12	237	149387	37.491	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	217451	44.025	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	244804	43.912	ng		94
45) 1,1'-Biphenyl	9.44	154	878017	38.901	ng		99
46) 2-Chloronaphthalene	9.47	162	704769	39.314	ng		96
47) 2-Nitroaniline	9.56	65	211478	45.507	ng		97
48) Acenaphthylene	9.89	152	1080087	38.854	ng		99
49) Dimethylphthalate	9.73	163	839993	40.675	ng		100
50) 2,6-Dinitrotoluene	9.80	165	183062	46.005	ng	#	87
51) Acenaphthene	10.06	154	635930	38.527	ng		99
52) 3-Nitroaniline	9.97	138	215551	45.258	ng		96
53) 2,4-Dinitrophenol	10.08	184	63070	61.940	ng	#	18
54) Dibenzofuran	10.23	168	908456	38.536	ng		100
55) 4-Nitrophenol	10.13	139	152241	42.735	ng		86
56) 2,4-Dinitrotoluene	10.21	165	242514	47.928	ng	#	85
57) Fluorene	10.57	166	724359	39.598	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	177686	44.981	ng		93
59) Diethylphthalate	10.43	149	778733	37.993	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	338774	40.522	ng		97
61) 4-Nitroaniline	10.59	138	209933	45.750	ng		92
62) Azobenzene	10.72	77	730268	35.044	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	114046	58.215	ng	#	74
65) n-Nitrosodiphenylamine	10.68	169	655369	39.830	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	208623	42.034	ng	#	90
67) Hexachlorobenzene	11.12	284	231872	40.932	ng		92
68) Atrazine	11.20	200	210708	41.397	ng		98
69) Pentachlorophenol	11.32	266	132106	40.564	ng		97
70) Phenanthrene	11.54	178	1033248	39.075	ng		99
71) Anthracene	11.59	178	1036594	38.597	ng		100
72) Carbazole	11.74	167	1009716	38.681	ng		100
73) Di-n-butylphthalate	12.06	149	1207614	38.555	ng		99
74) Fluoranthene	12.73	202	1045190	38.366	ng		98
76) Benzidine	12.85	184	689941	45.151	ng		99
77) Pyrene	12.97	202	1077163	40.939	ng		99
79) Butylbenzylphthalate	13.57	149	491702	42.179	ng		96
80) Benzo(a)anthracene	14.16	228	886734	39.100	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	310310	40.906	ng		98
82) Chrysene	14.20	228	849263	39.284	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	642977	38.609	ng		99
84) Di-n-octyl phthalate	14.75	149	1028745	42.461	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	760461	40.280	ng		98
87) Benzo(b)fluoranthene	15.25	252	807894	39.509	ng		96
88) Benzo(k)fluoranthene	15.29	252	724661	36.867	ng		97
89) Benzo(a)pyrene	15.65	252	713829	38.488	ng		99
90) Dibenzo(a,h)anthracene	17.32	278	630456	39.257	ng		98
91) Benzo(g,h,i)perylene	17.79	276	623187	39.888	ng		97

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

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