Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104691.D
Acq On : 20 Apr 2018 23:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2018 2:18:38 PM

Quant Time: Apr 21 04:53:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112046	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	425489	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	173157	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	287327	20.00	ng		0.00
75) Chrysene-d12	13.98	240	214704	20.00	ng		0.00
86) Perylene-d12	15.44	264	167982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	572282	78.10	ng		0.00
7) Phenol-d6	6.45	99	677519	75.25	ng		0.00
23) Nitrobenzene-d5	7.37	82	592152	90.88	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	140783	78.38	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	965967	88.13	ng		0.00
78) Terphenyl-d14	12.92	244	823956	87.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	138716	40.626	ng		89
3) Pyridine	3.22	79	380238	39.609	ng		86
4) n-Nitrosodimethylamine	3.18	42	119529	35.619	ng	#	79
6) Aniline	6.47	93	451457	36.091	ng		98
8) 2-Chlorophenol	6.59	128	304614	39.385	ng		94
9) Benzaldehyde	6.36	77	170016	36.167	ng		94
10) Phenol	6.46	94	376773	39.440	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	291952	38.297	ng		94
12) 1,3-Dichlorobenzene	6.75	146	342645	39.106	ng		100
13) 1,4-Dichlorobenzene	6.82	146	347937	39.836	ng		99
14) 1,2-Dichlorobenzene	6.97	146	321004	39.659	ng		99
15) Benzyl Alcohol	6.95	79	241073	35.253	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	360400	35.203	ng		88
17) 2-Methylphenol	7.06	107	259420	38.587	ng		96
18) Hexachloroethane	7.32	117	90339	29.009	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	196016	33.317	ng		94
20) 3+4-Methylphenols	7.22	107	309971	37.175	ng	#	60
22) Acetophenone	7.22	105	410737	39.210	ng		96
24) Nitrobenzene	7.39	77	311771	43.336	ng		98
25) Isophorone	7.63	82	519158	37.677	ng		99
26) 2-Nitrophenol	7.70	139	118292	40.389	ng		97
27) 2,4-Dimethylphenol	7.75	122	230185	37.852	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	333478	39.583	ng		99
29) 2,4-Dichlorophenol	7.95	162	229114	39.486	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	259972	40.826	ng		97
31) Naphthalene	8.11	128	841635	39.724	ng		99
32) Benzoic acid	7.86	122	149214m	30.752	ng		
33) 4-Chloroaniline	8.16	127	356709	39.299	ng		98
34) Hexachlorobutadiene	8.22	225	143591	41.168	ng		98
35) Caprolactam	8.54	113	74748	36.928	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	235538	37.858	ng		100
37) 2-Methylnaphthalene	8.80	142	523531	38.201	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	228793	46.158	ng		99
40) Hexachlorocyclopentadiene	8.95	237	7634	2.751	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	142012	41.272	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	162145	42.110	ng		96
45) 1,1'-Biphenyl	9.27	154	629476	43.274	ng		98
46) 2-Chloronaphthalene	9.29	162	486030	42.301	ng		100
47) 2-Nitroaniline	9.39	65	150013	52.795	ng		96
48) Acenaphthylene	9.71	152	724122	40.168	ng		99
49) Dimethylphthalate	9.56	163	588294	43.083	ng		100
50) 2,6-Dinitrotoluene	9.63	165	109939	43.512	ng		91
51) Acenaphthene	9.88	154	421024	38.278	ng		99
52) 3-Nitroaniline	9.80	138	149329	50.484	ng		98
53) 2,4-Dinitrophenol	9.92	184	4119	10.869	ng	#	26
54) Dibenzofuran	10.05	168	601090	39.215	ng		98
55) 4-Nitrophenol	9.97	139	81721	35.170	ng		94
56) 2,4-Dinitrotoluene	10.04	165	130671	39.427	ng	#	89
57) Fluorene	10.39	166	460376	41.263	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103492	36.027	ng		96
59) Diethylphthalate	10.26	149	546109	40.157	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	216742	43.621	ng		95
61) 4-Nitroaniline	10.42	138	147172	50.885	ng		98
62) Azobenzene	10.55	77	467162	35.956	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	11514	14.316	ng		89
65) n-Nitrosodiphenylamine	10.50	169	419391	42.098	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	128461	42.032	ng		93
67) Hexachlorobenzene	10.94	284	142319	41.385	ng		98
68) Atrazine	11.03	200	108395	36.046	ng		98
69) Pentachlorophenol	11.14	266	64518	30.326	ng		97
70) Phenanthrene	11.36	178	637404	39.835	ng		99
71) Anthracene	11.41	178	649383	39.925	ng		100
72) Carbazole	11.57	167	628393	39.536	ng		99
73) Di-n-butylphthalate	11.89	149	787481	40.560	ng		99
74) Fluoranthene	12.55	202	655931	39.235	ng		99
76) Benzidine	12.67	184	375520	58.302	ng		98
77) Pyrene	12.78	202	670049	42.103	ng		99
79) Butylbenzylphthalate	13.39	149	327495	43.680	ng		98
80) Benzo(a)anthracene	13.97	228	539520	42.062	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	207295	43.345	ng		98
82) Chrysene	14.00	228	521715	39.599	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	467521	48.479	ng		98
84) Di-n-octyl phthalate	14.57	149	703647	43.667	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	411192	36.740	ng		97
87) Benzo(b)fluoranthene	15.02	252	422514	39.824	ng		98
88) Benzo(k)fluoranthene	15.04	252	444579	44.386	ng		99
89) Benzo(a)pyrene	15.38	252	394074	41.513	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	346963	44.503	ng		98
91) Benzo(g,h,i)perylene	17.34	276	337720	44.711	ng		95

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

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