Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099549.D
Acq On : 16 Oct 2017 17:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/17/2017 5:02:01 PM

Quant Time: Oct 16 19:19:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117319	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	491370	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	226063	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	399870	20.00	ng		0.00
75) Chrysene-d12	14.02	240	295617	20.00	ng		0.00
86) Perylene-d12	15.49	264	263521	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	603525	81.89	ng		0.00
7) Phenol-d6	6.49	99	733164	80.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	613486	80.07	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	159358	86.15	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1130656	83.50	ng		0.00
78) Terphenyl-d14	12.96	244	1062627	81.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	136799	38.859	ng		92
3) Pyridine	3.39	79	363331	38.151	ng		94
4) n-Nitrosodimethylamine	3.35	42	133828	33.139	ng	#	76
6) Aniline	6.52	93	475163	38.725	ng		98
8) 2-Chlorophenol	6.63	128	341823	40.957	ng		95
9) Benzaldehyde	6.40	77	173271	32.856	ng		90
10) Phenol	6.50	94	422897	41.592	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	315342	39.894	ng		95
12) 1,3-Dichlorobenzene	6.79	146	366748	41.960	ng		97
13) 1,4-Dichlorobenzene	6.86	146	371166	41.737	ng		98
14) 1,2-Dichlorobenzene	7.02	146	337552	41.079	ng		98
15) Benzyl Alcohol	6.99	79	235070	35.245	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	428730	34.813	ng		92
17) 2-Methylphenol	7.10	107	270433	39.601	ng		98
18) Hexachloroethane	7.35	117	127621	39.926	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	202361	34.863	ng		93
20) 3+4-Methylphenols	7.26	107	316400	36.625	ng	#	77
22) Acetophenone	7.26	105	435393	36.572	ng	#	98
24) Nitrobenzene	7.43	77	336988	38.772	ng		97
25) Isophorone	7.67	82	614898	38.816	ng		98
26) 2-Nitrophenol	7.75	139	194497	46.535	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	299964	38.003	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	400154	40.534	ng		99
29) 2,4-Dichlorophenol	7.99	162	285480	42.125	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	286594	42.283	ng		100
31) Naphthalene	8.15	128	936668	40.587	ng		99
32) Benzoic acid	7.94	122	228800m	35.288	ng		
33) 4-Chloroaniline	8.20	127	393594	40.841	ng		96
34) Hexachlorobutadiene	8.26	225	144524	41.397	ng		99
35) Caprolactam	8.59	113	90025m	41.412	ng		
36) 4-Chloro-3-methylphenol	8.69	107	304993	40.040	ng		93
37) 2-Methylnaphthalene	8.84	142	614198	40.940	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285770	42.388	ng		99
40) Hexachlorocyclopentadiene	8.99	237	157469	51.110	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	189452	39.666	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	191596	40.186	ng		95
45) 1,1'-Biphenyl	9.31	154	794953	40.916	ng		98
46) 2-Chloronaphthalene	9.33	162	599741	41.113	ng		98
47) 2-Nitroaniline	9.43	65	173671	38.881	ng		98
48) Acenaphthylene	9.75	152	890373	39.872	ng		99
49) Dimethylphthalate	9.61	163	715139	41.914	ng		99
50) 2,6-Dinitrotoluene	9.68	165	160732	43.271	ng	#	79
51) Acenaphthene	9.92	154	529791	37.453	ng		99
52) 3-Nitroaniline	9.85	138	184044	42.493	ng		91
53) 2,4-Dinitrophenol	9.96	184	64301	36.655	ng		93
54) Dibenzofuran	10.09	168	739467	39.262	ng		100
55) 4-Nitrophenol	10.02	139	150461	41.084	ng		88
56) 2,4-Dinitrotoluene	10.09	165	194887	40.427	ng	#	94
57) Fluorene	10.43	166	628510	41.518	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	131252	39.851	ng		96
59) Diethylphthalate	10.30	149	670091	40.193	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	284650	41.860	ng		97
61) 4-Nitroaniline	10.47	138	185875	44.484	ng		89
62) Azobenzene	10.59	77	577386	37.665	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	109993	45.210	ng		81
65) n-Nitrosodiphenylamine	10.54	169	562632	40.615	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	166305	42.489	ng	#	90
67) Hexachlorobenzene	10.99	284	178096	42.603	ng		92
68) Atrazine	11.07	200	173688	41.673	ng		98
69) Pentachlorophenol	11.18	266	88747	34.111	ng		98
70) Phenanthrene	11.40	178	875981	40.926	ng		99
71) Anthracene	11.45	178	889386	40.611	ng		100
72) Carbazole	11.61	167	868680	40.505	ng		99
73) Di-n-butylphthalate	11.93	149	1067709	41.361	ng		98
74) Fluoranthene	12.59	202	884635	40.816	ng		98
76) Benzidine	12.71	184	454135	41.535	ng		99
77) Pyrene	12.82	202	905470	40.168	ng		99
79) Butylbenzylphthalate	13.43	149	451764	42.643	ng		91
80) Benzo(a)anthracene	14.01	228	741878	41.445	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	266644	40.634	ng		99
82) Chrysene	14.05	228	704351	41.330	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	602039	41.271	ng		99
84) Di-n-octyl phthalate	14.59	149	1063140	45.261	ng		95
85) Indeno(1,2,3-cd)pyrene	16.99	276	592381	43.453	ng		96
87) Benzo(b)fluoranthene	15.06	252	642085	39.629	ng		97
88) Benzo(k)fluoranthene	15.09	252	644143	40.251	ng		99
89) Benzo(a)pyrene	15.43	252	609022	40.949	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	480170	40.342	ng		97
91) Benzo(g,h,i)perylene	17.43	276	491789	41.800	ng		94

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

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