Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097352.D
Acq On : 4 Aug 2017 13:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/11/2017 7:27:44 PM

Quant Time: Aug 04 17:03:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:25:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	110161	20.00	ng		0.00
21) Naphthalene-d8	7.72	136	433060	20.00	ng		0.00
38) Acenaphthene-d10	9.47	164	184185	20.00	ng		0.00
63) Phenanthrene-d10	10.94	188	324233	20.00	ng		0.00
75) Chrysene-d12	13.56	240	216769	20.00	ng		0.00
86) Perylene-d12	14.90	264	213416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	616698	84.39	ng		0.00
7) Phenol-d6	6.12	99	621775	74.53	ng		0.00
23) Nitrobenzene-d5	7.02	82	610321	82.68	ng		0.00
41) 2,4,6-Tribromophenol	10.26	330	124161	85.32	ng		0.00
44) 2-Fluorobiphenyl	8.80	172	912700	84.10	ng		0.00
78) Terphenyl-d14	12.52	244	875216	82.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	110728	36.310	ng	#	69
3) Pyridine	2.54	79	351447	37.636	ng	#	65
4) n-Nitrosodimethylamine	2.50	42	199509	38.566	ng		82
6) Aniline	6.10	93	406844	38.754	ng		93
8) 2-Chlorophenol	6.23	128	309008	39.546	ng		96
9) Benzaldehyde	5.99	77	244566	49.528	ng		97
10) Phenol	6.13	94	388222	39.232	ng		95
11) bis(2-Chloroethyl)ether	6.19	93	295248	37.725	ng		90
12) 1,3-Dichlorobenzene	6.38	146	321559	38.187	ng		99
13) 1,4-Dichlorobenzene	6.46	146	345523	41.404	ng		95
14) 1,2-Dichlorobenzene	6.61	146	291351	39.985	ng		100
15) Benzyl Alcohol	6.60	79	224384	42.482	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	577856	36.812	ng		51
17) 2-Methylphenol	6.73	107	227803	37.774	ng	#	89
18) Hexachloroethane	6.95	117	125503	41.108	ng	#	80
19) n-Nitroso-di-n-propylamine	6.87	70	210624	38.356	ng	#	79
20) 3+4-Methylphenols	6.89	107	333030	42.282	ng	#	64
22) Acetophenone	6.86	105	412999	39.712	ng	#	99
24) Nitrobenzene	7.03	77	323005	42.013	ng		95
25) Isophorone	7.28	82	540256	37.370	ng		97
26) 2-Nitrophenol	7.35	139	164466	39.540	ng	#	85
27) 2,4-Dimethylphenol	7.41	122	271362	39.549	ng		97
28) bis(2-Chloroethoxy)methane	7.49	93	379899	40.268	ng		99
29) 2,4-Dichlorophenol	7.60	162	249881	42.274	ng		98
30) 1,2,4-Trichlorobenzene	7.67	180	225594	40.040	ng		97
31) Naphthalene	7.75	128	893653	43.777	ng		100
32) Benzoic acid	7.59	122	199963	39.028	ng		98
33) 4-Chloroaniline	7.81	127	382733	46.077	ng		98
34) Hexachlorobutadiene	7.87	225	121230	40.587	ng		96
35) Caprolactam	8.19	113	85192m	44.947	ng		
36) 4-Chloro-3-methylphenol	8.32	107	252040	39.084	ng		91
37) 2-Methylnaphthalene	8.43	142	522586	40.432	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	208798	42.486	ng		99
40) Hexachlorocyclopentadiene	8.59	237	59461	38.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	145159	40.759	ng		98
43) 2,4,5-Trichlorophenol	8.77	196	145920	40.935	ng		98
45) 1,1'-Biphenyl	8.90	154	664898	42.264	ng		97
46) 2-Chloronaphthalene	8.92	162	478400	41.324	ng	#	92
47) 2-Nitroaniline	9.03	65	174220	41.467	ng		96
48) Acenaphthylene	9.33	152	729615	41.060	ng		100
49) Dimethylphthalate	9.21	163	583506	41.719	ng		100
50) 2,6-Dinitrotoluene	9.27	165	125725	42.382	ng	#	75
51) Acenaphthene	9.50	154	438590	41.902	ng		100
52) 3-Nitroaniline	9.44	138	161829	43.950	ng		99
53) 2,4-Dinitrophenol	9.56	184	70266	52.095	ng	#	72
54) Dibenzofuran	9.67	168	629791	45.173	ng		98
55) 4-Nitrophenol	9.64	139	85454	39.025	ng	#	66
56) 2,4-Dinitrotoluene	9.68	165	167442	49.100	ng	#	66
57) Fluorene	10.02	166	475778	45.405	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.80	232	100420	40.800	ng		96
59) Diethylphthalate	9.90	149	599332	46.706	ng		99
60) 4-Chlorophenyl-phenylether	10.01	204	186957	43.207	ng		97
61) 4-Nitroaniline	10.06	138	158920	45.423	ng		94
62) Azobenzene	10.17	77	537082	45.118	ng		92
64) 4,6-Dinitro-2-methylphenol	10.10	198	88164	43.759	ng		80
65) n-Nitrosodiphenylamine	10.13	169	457811	40.581	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	128876	39.829	ng		96
67) Hexachlorobenzene	10.56	284	144151	39.727	ng	#	88
68) Atrazine	10.67	200	123412	38.149	ng		95
69) Pentachlorophenol	10.76	266	50983	33.958	ng		99
70) Phenanthrene	10.96	178	684810	39.419	ng		99
71) Anthracene	11.02	178	722298	40.594	ng		98
72) Carbazole	11.18	167	741687	42.384	ng		99
73) Di-n-butylphthalate	11.52	149	895858	41.415	ng		99
74) Fluoranthene	12.14	202	733537	43.101	ng		99
76) Benzidine	12.27	184	374462	46.556	ng	#	94
77) Pyrene	12.37	202	717494	40.431	ng		99
79) Butylbenzylphthalate	13.00	149	391765	43.399	ng	#	79
80) Benzo(a)anthracene	13.55	228	573064	40.858	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	228245	43.153	ng	#	95
82) Chrysene	13.59	228	574297	41.932	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	461363	39.144	ng		98
84) Di-n-octyl phthalate	14.17	149	990963	45.816	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.11	276	438937	37.376	ng		98
87) Benzo(b)fluoranthene	14.55	252	580970	45.286	ng		98
88) Benzo(k)fluoranthene	14.57	252	476333	38.964	ng		97
89) Benzo(a)pyrene	14.85	252	480986	40.965	ng		99
90) Dibenzo(a,h)anthracene	16.11	278	358441	37.227	ng		97
91) Benzo(g,h,i)perylene	16.46	276	374555	37.095	ng		99

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

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