Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099129.D
Acq On : 6 Oct 2017 5:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/6/2017 5:35:06 PM

Quant Time: Oct 06 06:38:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138408	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	555094	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	227641	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	325870	20.00	ng		0.00
75) Chrysene-d12	14.03	240	229243	20.00	ng		0.00
86) Perylene-d12	15.50	264	258898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	704984	81.08	ng		0.00
7) Phenol-d6	6.50	99	859914	80.17	ng		0.00
23) Nitrobenzene-d5	7.43	82	707119	81.69	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	130790	70.21	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1158932	84.99	ng		0.00
78) Terphenyl-d14	12.97	244	749028	74.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	165931	39.952	ng		96
3) Pyridine	3.40	79	445081	39.614	ng		94
4) n-Nitrosodimethylamine	3.36	42	180354	37.855	ng		87
6) Aniline	6.53	93	570110	39.383	ng		98
8) 2-Chlorophenol	6.65	128	390447	39.655	ng		98
9) Benzaldehyde	6.42	77	228647	36.750	ng		95
10) Phenol	6.51	94	505627	42.152	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	366204	39.270	ng		98
12) 1,3-Dichlorobenzene	6.81	146	409853	39.746	ng		98
13) 1,4-Dichlorobenzene	6.89	146	416280	39.678	ng		98
14) 1,2-Dichlorobenzene	7.04	146	383220	39.531	ng		98
15) Benzyl Alcohol	7.01	79	289814	36.833	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	530027	36.481	ng		97
17) 2-Methylphenol	7.12	107	315404	39.149	ng		98
18) Hexachloroethane	7.38	117	140967	37.381	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	240729	35.154	ng		97
20) 3+4-Methylphenols	7.27	107	373679	36.664	ng	#	76
22) Acetophenone	7.28	105	509444	37.880	ng	#	96
24) Nitrobenzene	7.45	77	390868	39.808	ng		99
25) Isophorone	7.69	82	680757	38.040	ng		99
26) 2-Nitrophenol	7.77	139	207289	43.902	ng		89
27) 2,4-Dimethylphenol	7.80	122	331585	37.186	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	435678	39.066	ng		100
29) 2,4-Dichlorophenol	8.00	162	306973	40.097	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	307926	40.215	ng		99
31) Naphthalene	8.17	128	1025861	39.349	ng		100
32) Benzoic acid	7.93	122	188120m	25.683	ng		
33) 4-Chloroaniline	8.22	127	427120	39.232	ng		97
34) Hexachlorobutadiene	8.29	225	156326	39.637	ng		100
35) Caprolactam	8.60	113	89509	36.448	ng		87
36) 4-Chloro-3-methylphenol	8.70	107	319544	37.134	ng		95
37) 2-Methylnaphthalene	8.86	142	644193	38.010	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	290171	42.742	ng		99
40) Hexachlorocyclopentadiene	9.01	237	63410	20.438	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	193127	40.156	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	189740	39.520	ng		95
45) 1,1'-Biphenyl	9.33	154	816846	41.752	ng		99
46) 2-Chloronaphthalene	9.35	162	608395	41.417	ng		98
47) 2-Nitroaniline	9.45	65	182047	40.474	ng		99
48) Acenaphthylene	9.77	152	898465	39.955	ng		100
49) Dimethylphthalate	9.63	163	695463	40.478	ng		99
50) 2,6-Dinitrotoluene	9.69	165	153414	41.015	ng		88
51) Acenaphthene	9.94	154	523520	36.753	ng		99
52) 3-Nitroaniline	9.86	138	176788	40.535	ng		90
53) 2,4-Dinitrophenol	9.96	184	29871	20.049	ng		93
54) Dibenzofuran	10.11	168	748257	39.453	ng		100
55) 4-Nitrophenol	10.02	139	111181	30.148	ng		89
56) 2,4-Dinitrotoluene	10.09	165	188935	38.920	ng		94
57) Fluorene	10.45	166	585545	38.412	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116270	35.058	ng		99
59) Diethylphthalate	10.32	149	640891	38.175	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	263395	38.465	ng		98
61) 4-Nitroaniline	10.47	138	158101	37.574	ng		90
62) Azobenzene	10.60	77	552374	35.784	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	60522	30.525	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	523327	46.357	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	143345	44.940	ng		93
67) Hexachlorobenzene	11.00	284	144992	42.560	ng		95
68) Atrazine	11.09	200	140464	41.355	ng		98
69) Pentachlorophenol	11.19	266	62749	29.595	ng		99
70) Phenanthrene	11.42	178	711230	40.775	ng		99
71) Anthracene	11.47	178	720831	40.389	ng		99
72) Carbazole	11.62	167	679384	38.872	ng		100
73) Di-n-butylphthalate	11.94	149	795905	37.833	ng		98
74) Fluoranthene	12.60	202	624470	35.355	ng		98
76) Benzidine	12.72	184	315819	37.248	ng		99
77) Pyrene	12.83	202	651592	37.275	ng		99
79) Butylbenzylphthalate	13.44	149	276842	33.698	ng		99
80) Benzo(a)anthracene	14.02	228	553448	39.870	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	209048	41.081	ng		96
82) Chrysene	14.06	228	531203	40.195	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	364778	32.246	ng		99
84) Di-n-octyl phthalate	14.61	149	683914	37.546	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	628832	59.483	ng		96
87) Benzo(b)fluoranthene	15.07	252	591191	37.140	ng		98
88) Benzo(k)fluoranthene	15.10	252	573029	36.447	ng		99
89) Benzo(a)pyrene	15.44	252	580975	39.761	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	520994	44.554	ng		97
91) Benzo(g,h,i)perylene	17.44	276	502738	43.493	ng		95

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

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