Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097760.D
Acq On : 17 Aug 2017 1:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/17/2017 5:58:02 PM

Quant Time: Aug 17 06:55:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	148440	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	563715	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	226195	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	336177	20.00	ng		0.00
75) Chrysene-d12	13.94	240	256599	20.00	ng		0.00
86) Perylene-d12	15.36	264	238913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	788208	80.77	ng		0.00
7) Phenol-d6	6.42	99	1074345	81.02	ng		0.00
23) Nitrobenzene-d5	7.35	82	953879	91.92	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	150294	76.58	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1333971	86.65	ng		0.00
78) Terphenyl-d14	12.89	244	874550	71.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	218148	40.083	ng		88
3) Pyridine	3.19	79	624773	41.525	ng		87
4) n-Nitrosodimethylamine	3.15	42	225743	38.994	ng	#	78
6) Aniline	6.45	93	733885	39.399	ng		98
8) 2-Chlorophenol	6.57	128	422435	41.046	ng		100
9) Benzaldehyde	6.33	77	354237	42.178	ng		90
10) Phenol	6.43	94	630780	40.675	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	474947	40.578	ng		97
12) 1,3-Dichlorobenzene	6.72	146	454405	41.047	ng	#	92
13) 1,4-Dichlorobenzene	6.80	146	454255	40.346	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	423910	40.833	ng		97
15) Benzyl Alcohol	6.93	79	402436	40.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	637719	40.495	ng		91
17) 2-Methylphenol	7.03	107	367198	40.487	ng		96
18) Hexachloroethane	7.30	117	164711	37.314	ng	#	82
19) n-Nitroso-di-n-propylamine	7.20	70	359797	39.639	ng		89
20) 3+4-Methylphenols	7.19	107	440078	39.727	ng		96
22) Acetophenone	7.20	105	596546	40.058	ng	#	84
24) Nitrobenzene	7.37	77	515654	44.630	ng		94
25) Isophorone	7.61	82	891393	41.312	ng		97
26) 2-Nitrophenol	7.68	139	190353	45.751	ng	#	75
27) 2,4-Dimethylphenol	7.72	122	373510	41.507	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	604580	42.619	ng		99
29) 2,4-Dichlorophenol	7.92	162	318443	42.630	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	347146	41.921	ng		99
31) Naphthalene	8.09	128	1194012	40.800	ng		99
32) Benzoic acid	7.84	122	273653m	42.573	ng		
33) 4-Chloroaniline	8.14	127	496666	40.241	ng		98
34) Hexachlorobutadiene	8.21	225	209021	43.232	ng		99
35) Caprolactam	8.52	113	104203	41.033	ng		99
36) 4-Chloro-3-methylphenol	8.62	107	384229	40.035	ng	#	79
37) 2-Methylnaphthalene	8.78	142	727837	40.565	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	315520	45.452	ng		99
40) Hexachlorocyclopentadiene	8.93	237	37018	11.100	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	206849	44.383	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	199246	43.093	ng		97
45) 1,1'-Biphenyl	9.25	154	899581	43.612	ng		97
46) 2-Chloronaphthalene	9.27	162	647391	42.478	ng	#	92
47) 2-Nitroaniline	9.36	65	246729	48.290	ng		96
48) Acenaphthylene	9.68	152	980297	40.960	ng		100
49) Dimethylphthalate	9.55	163	737139	44.583	ng		100
50) 2,6-Dinitrotoluene	9.60	165	146166	44.288	ng	#	55
51) Acenaphthene	9.86	154	599448	39.713	ng		99
52) 3-Nitroaniline	9.77	138	184075	43.229	ng		89
53) 2,4-Dinitrophenol	9.87	184	10484	15.973	ng	#	86
54) Dibenzofuran	10.03	168	814151	40.245	ng		98
55) 4-Nitrophenol	9.92	139	115612	34.036	ng	#	31
56) 2,4-Dinitrotoluene	10.00	165	173754	41.951	ng	#	53
57) Fluorene	10.37	166	606495	38.777	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	139430	38.950	ng		94
59) Diethylphthalate	10.25	149	739332	42.759	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	304390	41.891	ng	#	85
61) 4-Nitroaniline	10.38	138	162156	40.068	ng	#	71
62) Azobenzene	10.52	77	780615	38.008	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	21179	19.372	ng	#	80
65) n-Nitrosodiphenylamine	10.48	169	566159	49.456	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	174143	49.884	ng		96
67) Hexachlorobenzene	10.92	284	161339	45.343	ng		95
68) Atrazine	11.00	200	129723	42.729	ng		97
69) Pentachlorophenol	11.10	266	84947	40.945	ng		96
70) Phenanthrene	11.33	178	734090	40.979	ng		99
71) Anthracene	11.38	178	737261	40.577	ng		99
72) Carbazole	11.53	167	671059	38.909	ng		97
73) Di-n-butylphthalate	11.87	149	986331	49.650	ng		99
74) Fluoranthene	12.51	202	686983	36.741	ng		98
76) Benzidine	12.63	184	261304	31.058	ng		94
77) Pyrene	12.74	202	700644	33.385	ng		98
79) Butylbenzylphthalate	13.36	149	318609	39.596	ng	#	68
80) Benzo(a)anthracene	13.93	228	608934	39.595	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	243387	46.900	ng	#	96
82) Chrysene	13.96	228	607282	39.695	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	417261	46.797	ng		99
84) Di-n-octyl phthalate	14.54	149	823668	53.092	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	469479	41.716	ng		95
87) Benzo(b)fluoranthene	14.96	252	620239	41.186	ng		98
88) Benzo(k)fluoranthene	14.99	252	595618	42.098	ng	#	94
89) Benzo(a)pyrene	15.30	252	552534	41.445	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	416495	38.374	ng		97
91) Benzo(g,h,i)perylene	17.19	276	381991	33.730	ng		93

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

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