Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101499.D
Acq On : 19 Dec 2017 00:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/19/2017 4:50:11 PM

Quant Time: Dec 19 04:36:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123603	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	458146	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	181176	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	274601	20.00	ng		0.00
75) Chrysene-d12	13.99	240	237388	20.00	ng		0.00
86) Perylene-d12	15.46	264	243459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	646975	77.97	ng		0.00
7) Phenol-d6	6.45	99	729254	70.62	ng		0.00
23) Nitrobenzene-d5	7.38	82	629880	76.53	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	126403	72.41	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1054761	90.31	ng		0.00
78) Terphenyl-d14	12.92	244	699467	71.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	153259	35.945	ng		96
3) Pyridine	3.29	79	429372	36.245	ng		94
4) n-Nitrosodimethylamine	3.25	42	179291	32.871	ng		97
6) Aniline	6.47	93	506713	35.308	ng	#	90
8) 2-Chlorophenol	6.60	128	328770	37.665	ng		98
9) Benzaldehyde	6.37	77	268115	35.155	ng		96
10) Phenol	6.46	94	418787	35.580	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	335515	36.340	ng		94
12) 1,3-Dichlorobenzene	6.75	146	373960	37.960	ng		99
13) 1,4-Dichlorobenzene	6.83	146	381364	37.908	ng		98
14) 1,2-Dichlorobenzene	6.98	146	344912	38.089	ng		98
15) Benzyl Alcohol	6.96	79	241503	33.976	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	498764	35.298	ng		82
17) 2-Methylphenol	7.07	107	277269	34.532	ng		95
18) Hexachloroethane	7.32	117	91706	26.219	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	228120	33.636	ng		93
20) 3+4-Methylphenols	7.23	107	328628	38.624	ng	#	55
22) Acetophenone	7.23	105	418625	40.045	ng	#	91
24) Nitrobenzene	7.40	77	335555	36.838	ng		99
25) Isophorone	7.63	82	576395	34.911	ng		99
26) 2-Nitrophenol	7.72	139	131188	33.523	ng		95
27) 2,4-Dimethylphenol	7.75	122	255605	38.447	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	397143	37.867	ng		99
29) 2,4-Dichlorophenol	7.96	162	259694	39.538	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	272722	39.346	ng		98
31) Naphthalene	8.12	128	874247	37.904	ng		99
32) Benzoic acid	7.89	122	116276	29.613	ng		97
33) 4-Chloroaniline	8.17	127	374252	37.333	ng		99
34) Hexachlorobutadiene	8.22	225	164921	41.139	ng		99
35) Caprolactam	8.55	113	75818	33.244	ng	#	87
36) 4-Chloro-3-methylphenol	8.66	107	253790	35.155	ng		97
37) 2-Methylnaphthalene	8.80	142	552645	36.777	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262182	42.861	ng	#	97
40) Hexachlorocyclopentadiene	8.86	237	237	11.565	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	158684	43.090	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	162343	40.262	ng	#	93
45) 1,1'-Biphenyl	9.27	154	663937	41.322	ng		99
46) 2-Chloronaphthalene	9.30	162	484887	39.440	ng		97
47) 2-Nitroaniline	9.40	65	168679	39.717	ng		98
48) Acenaphthylene	9.71	152	744523	38.341	ng		99
49) Dimethylphthalate	9.57	163	584761	40.126	ng		100
50) 2,6-Dinitrotoluene	9.64	165	109302	36.903	ng	#	89
51) Acenaphthene	9.88	154	438324	37.571	ng		99
52) 3-Nitroaniline	9.82	138	146707	39.728	ng		99
53) 2,4-Dinitrophenol	9.98	184	815	11.008	ng	#	1
54) Dibenzofuran	10.06	168	596291	40.219	ng		99
55) 4-Nitrophenol	10.00	139	50682	31.476	ng		93
56) 2,4-Dinitrotoluene	10.06	165	113121	33.898	ng	#	85
57) Fluorene	10.40	166	475182	37.887	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	107101	36.970	ng	#	85
59) Diethylphthalate	10.26	149	568199	39.372	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	244167	40.620	ng		92
61) 4-Nitroaniline	10.43	138	128593	34.645	ng		93
62) Azobenzene	10.55	77	487721	32.624	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	5607	4.001	ng		87
65) n-Nitrosodiphenylamine	10.51	169	456667	45.038	ng		95
66) 4-Bromophenyl-phenylether	10.87	248	138793	44.982	ng		91
67) Hexachlorobenzene	10.95	284	137630	42.145	ng	#	89
68) Atrazine	11.03	200	104630	34.607	ng		97
69) Pentachlorophenol	11.16	266	42297	37.134	ng		97
70) Phenanthrene	11.36	178	600717	39.337	ng		99
71) Anthracene	11.42	178	602022	38.594	ng		100
72) Carbazole	11.57	167	543116	37.188	ng		99
73) Di-n-butylphthalate	11.89	149	762612	43.022	ng		99
74) Fluoranthene	12.56	202	586815	36.609	ng		97
76) Benzidine	12.68	184	348191	34.728	ng		99
77) Pyrene	12.79	202	609944	34.236	ng		99
79) Butylbenzylphthalate	13.39	149	270191	33.517	ng		94
80) Benzo(a)anthracene	13.98	228	582863	37.184	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	217442	42.543	ng	#	95
82) Chrysene	14.02	228	559535	37.806	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	363921	35.642	ng		99
84) Di-n-octyl phthalate	14.56	149	680515	37.371	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	504877	38.308	ng		96
87) Benzo(b)fluoranthene	15.03	252	546468	36.826	ng		98
88) Benzo(k)fluoranthene	15.06	252	537977m	37.287	ng		
89) Benzo(a)pyrene	15.40	252	509591	37.251	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	441783	37.614	ng	#	95
91) Benzo(g,h,i)perylene	17.39	276	411089	35.346	ng		95

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

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