Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099374.D
Acq On : 12 Oct 2017 5:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/13/2017 12:07:23 PM

Quant Time: Oct 12 06:43:06 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	96478	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	397427	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	178228	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	284551	20.00	ng		0.00
75) Chrysene-d12	14.02	240	134892	20.00	ng		0.00
86) Perylene-d12	15.48	264	154576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	520218	85.84	ng		0.00
7) Phenol-d6	6.49	99	626529	83.80	ng		0.00
23) Nitrobenzene-d5	7.42	82	505162	81.51	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	114290	78.37	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	924344	86.58	ng		0.00
78) Terphenyl-d14	12.96	244	660055	111.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	118442	40.912	ng		93
3) Pyridine	3.39	79	311357	39.756	ng		96
4) n-Nitrosodimethylamine	3.34	42	115333	34.728	ng		82
6) Aniline	6.52	93	401820	39.822	ng		98
8) 2-Chlorophenol	6.64	128	292033	42.550	ng		94
9) Benzaldehyde	6.41	77	157865	36.401	ng		94
10) Phenol	6.50	94	367761	43.983	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	264846	40.744	ng		94
12) 1,3-Dichlorobenzene	6.79	146	309179	43.014	ng		98
13) 1,4-Dichlorobenzene	6.87	146	314725	43.036	ng		98
14) 1,2-Dichlorobenzene	7.02	146	289074	42.779	ng		99
15) Benzyl Alcohol	7.00	79	205414	37.452	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	368706	36.407	ng		96
17) 2-Methylphenol	7.11	107	228545	40.697	ng		96
18) Hexachloroethane	7.36	117	106269	40.427	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	171013	35.827	ng		93
20) 3+4-Methylphenols	7.26	107	275623	38.796	ng	#	71
22) Acetophenone	7.27	105	369523	38.376	ng	#	96
24) Nitrobenzene	7.44	77	281721	40.075	ng		95
25) Isophorone	7.67	82	491576	38.366	ng		99
26) 2-Nitrophenol	7.76	139	157881	46.703	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	244913	38.363	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	319438	40.006	ng		99
29) 2,4-Dichlorophenol	8.00	162	232533	42.423	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	235724	42.998	ng		99
31) Naphthalene	8.16	128	782757	41.936	ng		99
32) Benzoic acid	7.92	122	140617m	26.814	ng		
33) 4-Chloroaniline	8.21	127	323010	41.439	ng		96
34) Hexachlorobutadiene	8.27	225	119368	42.274	ng		98
35) Caprolactam	8.59	113	68108	38.736	ng		88
36) 4-Chloro-3-methylphenol	8.69	107	241151	39.142	ng		96
37) 2-Methylnaphthalene	8.85	142	498826	41.109	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	229987	43.269	ng		99
40) Hexachlorocyclopentadiene	9.00	237	89881	37.002	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	149716	39.760	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	148201	39.426	ng		96
45) 1,1'-Biphenyl	9.31	154	646554	42.210	ng		99
46) 2-Chloronaphthalene	9.34	162	478007	41.563	ng		97
47) 2-Nitroaniline	9.44	65	134615	38.226	ng		90
48) Acenaphthylene	9.75	152	730311	41.481	ng		100
49) Dimethylphthalate	9.61	163	544088	40.448	ng		99
50) 2,6-Dinitrotoluene	9.68	165	125174	42.743	ng	#	83
51) Acenaphthene	9.93	154	422515	37.886	ng		100
52) 3-Nitroaniline	9.85	138	136011	39.832	ng		90
53) 2,4-Dinitrophenol	9.96	184	25610	21.401	ng		86
54) Dibenzofuran	10.10	168	600656	40.451	ng		98
55) 4-Nitrophenol	10.01	139	72096	24.970	ng		87
56) 2,4-Dinitrotoluene	10.09	165	155768	40.984	ng		85
57) Fluorene	10.44	166	493553	41.353	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	96167	37.035	ng		97
59) Diethylphthalate	10.31	149	509779	38.784	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	219963	41.029	ng		97
61) 4-Nitroaniline	10.46	138	127982	38.849	ng		90
62) Azobenzene	10.59	77	432146	35.757	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	59944	34.624	ng		87
65) n-Nitrosodiphenylamine	10.55	169	434186	44.045	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	125021	44.886	ng		97
67) Hexachlorobenzene	10.99	284	133399	44.843	ng		96
68) Atrazine	11.07	200	122895	41.436	ng		99
69) Pentachlorophenol	11.18	266	50448	27.249	ng		96
70) Phenanthrene	11.40	178	640207	42.032	ng		99
71) Anthracene	11.46	178	658854	42.276	ng		98
72) Carbazole	11.61	167	588154	38.539	ng		100
73) Di-n-butylphthalate	11.93	149	732703	39.887	ng		99
74) Fluoranthene	12.59	202	560310	36.329	ng		97
76) Benzidine	12.71	184	205265	41.142	ng		98
77) Pyrene	12.82	202	553448	53.806	ng		98
79) Butylbenzylphthalate	13.43	149	224527	46.446	ng		91
80) Benzo(a)anthracene	14.00	228	350275	42.884	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	126737	42.326	ng		98
82) Chrysene	14.04	228	337681	43.424	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	267067	40.122	ng		99
84) Di-n-octyl phthalate	14.59	149	378177	35.283	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	478520	76.925	ng		96
87) Benzo(b)fluoranthene	15.05	252	358225	37.692	ng		98
88) Benzo(k)fluoranthene	15.08	252	335726	35.765	ng		99
89) Benzo(a)pyrene	15.42	252	357630	40.994	ng	#	96
90) Dibenzo(a,h)anthracene	16.98	278	384634	55.091	ng		95
91) Benzo(g,h,i)perylene	17.42	276	411713	59.657	ng		94

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

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