Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080862.D
Acq On : 5 Aug 2015 4:33
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:01:18 PM

Quant Time: Aug 05 08:09:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62185	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	244340	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	95772	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	155787	20.00	ng		0.00
75) Chrysene-d12	13.96	240	102566	20.00	ng		0.00
86) Perylene-d12	15.37	264	82056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	336242	81.84	ng		0.00
7) Phenol-d6	6.45	99	402844	75.00	ng		0.00
23) Nitrobenzene-d5	7.39	82	389283	75.08	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	70674	76.52	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	584511	82.18	ng		0.00
78) Terphenyl-d14	12.92	244	467145	82.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	79275	39.36	ng		99
3) Pyridine	3.17	79	233186	42.00	ng		96
4) n-Nitrosodimethylamine	3.12	42	114718	40.29	ng		99
6) Aniline	6.49	93	304369	38.94	ng		98
8) 2-Chlorophenol	6.61	128	181486	39.43	ng		97
9) Benzaldehyde	6.37	77	149581	39.92	ng		99
10) Phenol	6.46	94	221478	34.66	ng		100
11) bis(2-Chloroethyl)ether	6.57	93	190549	39.93	ng		97
12) 1,3-Dichlorobenzene	6.76	146	186484	37.81	ng		99
13) 1,4-Dichlorobenzene	6.84	146	191168	38.62	ng		100
14) 1,2-Dichlorobenzene	7.00	146	174001	37.25	ng		99
15) Benzyl Alcohol	6.97	79	149293	42.56	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	358208	38.78	ng		99
17) 2-Methylphenol	7.08	107	157754	39.13	ng		99
18) Hexachloroethane	7.33	117	74584	39.64	ng	#	75
19) n-Nitroso-di-n-propylamine	7.24	70	127916	36.87	ng		100
20) 3+4-Methylphenols	7.23	107	174821	37.40	ng		99
22) Acetophenone	7.24	105	233495	39.13	ng		99
24) Nitrobenzene	7.41	77	206423	38.39	ng		98
25) Isophorone	7.65	82	356963	38.86	ng		99
26) 2-Nitrophenol	7.72	139	81161m	36.79	ng		
27) 2,4-Dimethylphenol	7.77	122	163186m	39.73	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	197292	34.92	ng		98
29) 2,4-Dichlorophenol	7.96	162	124559	36.74	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	148851	38.58	ng		99
31) Naphthalene	8.13	128	526737	39.58	ng		100
32) Benzoic acid	7.87	122	102721m	37.50	ng		
33) 4-Chloroaniline	8.18	127	206177	39.60	ng		100
34) Hexachlorobutadiene	8.25	225	81241	36.94	ng		96
35) Caprolactam	8.54	113	37071	38.29	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	149453	40.18	ng		97
37) 2-Methylnaphthalene	8.82	142	311689	39.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	126382	38.67	ng		100
40) Hexachlorocyclopentadiene	8.98	237	81569	41.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	89058	40.20	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	81540	36.70	ng		99
45) 1,1'-Biphenyl	9.29	154	355601	40.28	ng		100
46) 2-Chloronaphthalene	9.31	162	267926	39.02	ng		99
47) 2-Nitroaniline	9.40	65	108802	43.53	ng		96
48) Acenaphthylene	9.72	152	472820	41.85	ng		99
49) Dimethylphthalate	9.58	163	277688	39.76	ng		99
50) 2,6-Dinitrotoluene	9.64	165	58471	40.03	ng		98
51) Acenaphthene	9.89	154	279800	41.19	ng		99
52) 3-Nitroaniline	9.81	138	72804	40.35	ng		96
53) 2,4-Dinitrophenol	9.92	184	29931	36.93	ng		99
54) Dibenzofuran	10.06	168	372450	41.12	ng		99
55) 4-Nitrophenol	9.96	139	52200	41.12	ng		97
56) 2,4-Dinitrotoluene	10.04	165	78910	42.79	ng		93
57) Fluorene	10.41	166	265452	38.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	66061	41.43	ng		97
59) Diethylphthalate	10.28	149	280001	40.49	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	115406	40.66	ng		99
61) 4-Nitroaniline	10.42	138	69903	43.41	ng		99
62) Azobenzene	10.56	77	301900	37.33	ng		100
64) 4,6-Dinitro-2-methylphenol	10.44	198	35988	35.91	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	223106	37.38	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	73567	42.67	ng		96
67) Hexachlorobenzene	10.94	284	73156	38.85	ng		93
68) Atrazine	11.05	200	57548	37.04	ng		98
69) Pentachlorophenol	11.14	266	44430	43.30	ng		98
70) Phenanthrene	11.36	178	331323	36.81	ng		99
71) Anthracene	11.41	178	373286	42.68	ng		99
72) Carbazole	11.56	167	300188	36.39	ng		99
73) Di-n-butylphthalate	11.91	149	416651	42.65	ng		100
74) Fluoranthene	12.55	202	354318	40.42	ng		99
76) Benzidine	12.67	184	181682	36.60	ng		98
77) Pyrene	12.77	202	361223	39.26	ng		99
79) Butylbenzylphthalate	13.39	149	142644	37.91	ng		99
80) Benzo(a)anthracene	13.95	228	255540	37.25	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	89766	35.21	ng		97
82) Chrysene	13.99	228	241892	34.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	196099	39.03	ng	#	93
84) Di-n-octyl phthalate	14.57	149	335971	39.78	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	214831	37.43	ng		99
87) Benzo(b)fluoranthene	14.97	252	211417m	34.44	ng		
88) Benzo(k)fluoranthene	15.00	252	231650m	49.03	ng		
89) Benzo(a)pyrene	15.31	252	196295	39.18	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	175554	40.34	ng		96
91) Benzo(g,h,i)perylene	17.14	276	180890	43.00	ng		97

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

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