Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080622.D
Acq On : 24 Jul 2015 6:21
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

Quant Time: Jul 24 06:47:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	37536	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	150330	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	74150	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	141467	20.00	ng		0.00
75) Chrysene-d12	14.31	240	200009	20.00	ng		0.13
86) Perylene-d12	16.00	264	191220	20.00	ng		0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	193797	89.18	ng		0.01
7) Phenol-d6	6.56	99	224091	84.35	ng		0.00
23) Nitrobenzene-d5	7.50	82	216624	81.65	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	58530	99.62	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	374944	73.37	ng		0.00
78) Terphenyl-d14	13.12	244	599660	62.74	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	37439	36.16	ng	#	100
3) Pyridine	3.26	79	110578	40.19	ng		93
4) n-Nitrosodimethylamine	3.17	42	70137	40.33	ng	#	95
6) Aniline	6.60	93	175098	45.09	ng		98
8) 2-Chlorophenol	6.73	128	107746	46.16	ng		95
9) Benzaldehyde	6.49	77	82353	41.92	ng		98
10) Phenol	6.57	94	126086	39.67	ng		87
11) bis(2-Chloroethyl)ether	6.67	93	88219	39.97	ng		98
12) 1,3-Dichlorobenzene	6.89	146	121339	41.00	ng		99
13) 1,4-Dichlorobenzene	6.97	146	123839	42.64	ng		98
14) 1,2-Dichlorobenzene	7.12	146	105743	39.28	ng		97
15) Benzyl Alcohol	7.08	79	110345	47.13	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	182621	40.82	ng		99
17) 2-Methylphenol	7.20	107	86580	47.06	ng		94
18) Hexachloroethane	7.47	117	41799	41.61	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	85960	47.75	ng		96
20) 3+4-Methylphenols	7.34	107	113002	44.43	ng	#	76
22) Acetophenone	7.36	105	163399	44.62	ng		96
24) Nitrobenzene	7.53	77	131970	46.54	ng		97
25) Isophorone	7.77	82	218966	44.56	ng		97
26) 2-Nitrophenol	7.85	139	45235	44.64	ng	#	84
27) 2,4-Dimethylphenol	7.88	122	101182	45.20	ng		93
28) bis(2-Chloroethoxy)methane	7.98	93	123512	45.49	ng		98
29) 2,4-Dichlorophenol	8.09	162	88821	48.52	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	100912	42.40	ng		96
31) Naphthalene	8.26	128	317109	42.17	ng		99
32) Benzoic acid	7.94	122	63475	58.78	ng		91
33) 4-Chloroaniline	8.30	127	132379	44.88	ng	#	94
34) Hexachlorobutadiene	8.38	225	57887	41.72	ng		95
35) Caprolactam	8.65	113	25873	52.48	ng	#	44
36) 4-Chloro-3-methylphenol	8.77	107	90821	41.70	ng		91
37) 2-Methylnaphthalene	8.96	142	181272m	43.05	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	91847	36.63	ng		98
40) Hexachlorocyclopentadiene	9.10	237	17742	13.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	59504	42.31	ng		95
43) 2,4,5-Trichlorophenol	9.26	196	63281	44.57	ng	#	79
45) 1,1'-Biphenyl	9.41	154	220019	36.45	ng		99
46) 2-Chloronaphthalene	9.44	162	176138	36.07	ng		98
47) 2-Nitroaniline	9.53	65	63163	42.41	ng		94
48) Acenaphthylene	9.86	152	295697	40.88	ng		99
49) Dimethylphthalate	9.71	163	225945	41.42	ng		100
50) 2,6-Dinitrotoluene	9.77	165	39968	39.17	ng	#	80
51) Acenaphthene	10.03	154	174647	40.19	ng		99
52) 3-Nitroaniline	9.94	138	52506	47.31	ng	#	86
53) 2,4-Dinitrophenol	10.04	184	3934	18.71	ng	#	64
54) Dibenzofuran	10.20	168	253049	40.29	ng		98
55) 4-Nitrophenol	10.09	139	36043	44.96	ng	#	70
56) 2,4-Dinitrotoluene	10.17	165	49907	39.04	ng	#	85
57) Fluorene	10.54	166	204656	40.59	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	53655	48.57	ng		97
59) Diethylphthalate	10.42	149	200863	39.45	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	88060	38.89	ng		99
61) 4-Nitroaniline	10.54	138	54105	48.41	ng		91
62) Azobenzene	10.69	77	207455	38.90	ng		99
64) 4,6-Dinitro-2-methylphenol	10.58	198	8239	23.43	ng		92
65) n-Nitrosodiphenylamine	10.65	169	170735	36.78	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	52346	36.40	ng		98
67) Hexachlorobenzene	11.09	284	63989	39.41	ng		95
68) Atrazine	11.17	200	53094	41.63	ng		97
69) Pentachlorophenol	11.29	266	43025	56.79	ng		95
70) Phenanthrene	11.50	178	316272	39.61	ng		99
71) Anthracene	11.56	178	324360	43.37	ng		99
72) Carbazole	11.71	167	308314	47.68	ng		99
73) Di-n-butylphthalate	12.05	149	366909	48.82	ng		99
74) Fluoranthene	12.72	202	387370	54.21	ng		99
76) Benzidine	12.85	184	263924	44.90	ng		98
77) Pyrene	12.96	202	415375	30.95	ng		99
79) Butylbenzylphthalate	13.64	149	198765	41.98	ng	#	80
80) Benzo(a)anthracene	14.29	228	465875	41.31	ng		99
81) 3,3'-Dichlorobenzidine	14.26	252	176944	54.90	ng	#	95
82) Chrysene	14.34	228	459169	40.92	ng		97
83) Bis(2-ethylhexyl)phthalate	14.31	149	288129	43.92	ng		97
84) Di-n-octyl phthalate	15.07	149	546267	58.02	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.53	276	470727	55.46	ng		97
87) Benzo(b)fluoranthene	15.55	252	447639	38.49	ng		99
88) Benzo(k)fluoranthene	15.59	252	454497m	39.27	ng		
89) Benzo(a)pyrene	15.93	252	417887	40.50	ng		96
90) Dibenzo(a,h)anthracene	17.55	278	394109	40.44	ng		97
91) Benzo(g,h,i)perylene	17.97	276	387225	38.90	ng		96

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

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