Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081247.D
Acq On : 27 Aug 2015 15:15
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:43 PM

Quant Time: Aug 27 22:58:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 22:56:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	49515	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	205800	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	94375	20.00	ng		0.00
63) Phenanthrene-d10	11.01	188	199947	20.00	ng		0.00
75) Chrysene-d12	13.62	240	148085	20.00	ng		0.00
86) Perylene-d12	14.94	264	113225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	270724	82.24	ng		0.00
7) Phenol-d6	6.16	99	351616	81.86	ng		0.00
23) Nitrobenzene-d5	7.09	82	374623	83.16	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	64541	78.89	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	604982	83.99	ng		0.00
78) Terphenyl-d14	12.58	244	550619	79.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	63263	40.78	ng	#	91
3) Pyridine	2.47	79	187193	42.75	ng	#	81
4) n-Nitrosodimethylamine	2.43	42	103841	42.60	ng	#	75
6) Aniline	6.17	93	257500	41.23	ng	#	32
8) 2-Chlorophenol	6.29	128	151511	42.05	ng		97
9) Benzaldehyde	6.05	77	117526	42.44	ng		93
10) Phenol	6.17	94	209704	41.34	ng		97
11) bis(2-Chloroethyl)ether	6.25	93	145966	37.50	ng		88
12) 1,3-Dichlorobenzene	6.45	146	167383	43.23	ng		96
13) 1,4-Dichlorobenzene	6.53	146	167898	43.79	ng		99
14) 1,2-Dichlorobenzene	6.67	146	136811	38.13	ng		97
15) Benzyl Alcohol	6.66	79	133110	38.30	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	321037	41.97	ng		97
17) 2-Methylphenol	6.79	107	130087	42.08	ng		95
18) Hexachloroethane	7.02	117	65894	42.54	ng		99
19) n-Nitroso-di-n-propylamine	6.95	70	136616	45.92	ng		86
20) 3+4-Methylphenols	6.95	107	171053	43.59	ng	#	44
22) Acetophenone	6.94	105	223902	41.44	ng	#	83
24) Nitrobenzene	7.10	77	167500	35.56	ng		94
25) Isophorone	7.35	82	354258	42.17	ng		97
26) 2-Nitrophenol	7.42	139	85085	43.43	ng	#	79
27) 2,4-Dimethylphenol	7.47	122	149559	43.16	ng		92
28) bis(2-Chloroethoxy)methane	7.57	93	199888	40.27	ng		100
29) 2,4-Dichlorophenol	7.66	162	111688	38.28	ng	#	84
30) 1,2,4-Trichlorobenzene	7.74	180	121551	37.48	ng		97
31) Naphthalene	7.82	128	471675	41.12	ng		99
32) Benzoic acid	7.61	122	97658	50.10	ng		91
33) 4-Chloroaniline	7.87	127	180643	37.32	ng		96
34) Hexachlorobutadiene	7.94	225	80494	43.90	ng		97
35) Caprolactam	8.26	113	38925	38.17	ng	#	87
36) 4-Chloro-3-methylphenol	8.37	107	135131	38.86	ng		95
37) 2-Methylnaphthalene	8.50	142	274507	37.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	130548	42.87	ng		98
40) Hexachlorocyclopentadiene	8.66	237	61418	38.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	86926	40.41	ng		100
43) 2,4,5-Trichlorophenol	8.83	196	89957	41.84	ng		93
45) 1,1'-Biphenyl	8.97	154	343341	41.30	ng		96
46) 2-Chloronaphthalene	8.99	162	282610	42.32	ng		99
47) 2-Nitroaniline	9.10	65	129984	47.56	ng	#	85
48) Acenaphthylene	9.39	152	435668	36.47	ng		97
49) Dimethylphthalate	9.29	163	338649	43.57	ng		99
50) 2,6-Dinitrotoluene	9.34	165	66400	39.79	ng	#	58
51) Acenaphthene	9.57	154	257224	35.97	ng		99
52) 3-Nitroaniline	9.51	138	96118	46.03	ng		89
53) 2,4-Dinitrophenol	9.61	184	34054	41.75	ng	#	76
54) Dibenzofuran	9.74	168	343443	35.84	ng		91
55) 4-Nitrophenol	9.68	139	63683	43.42	ng	#	74
56) 2,4-Dinitrotoluene	9.74	165	79472	35.93	ng	#	51
57) Fluorene	10.08	166	288980	39.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	67669m	40.67	ng		
59) Diethylphthalate	9.98	149	331682	40.32	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	124713	39.98	ng		99
61) 4-Nitroaniline	10.11	138	80903	37.91	ng		95
62) Azobenzene	10.24	77	421410	44.45	ng		96
64) 4,6-Dinitro-2-methylphenol	10.15	198	51581	43.20	ng	#	52
65) n-Nitrosodiphenylamine	10.21	169	299199	41.92	ng		98
66) 4-Bromophenyl-phenylether	10.56	248	71414	36.36	ng	#	58
67) Hexachlorobenzene	10.63	284	79072	39.75	ng	#	81
68) Atrazine	10.73	200	73820	37.12	ng		97
69) Pentachlorophenol	10.82	266	44620	37.38	ng		98
70) Phenanthrene	11.03	178	437883	36.95	ng		98
71) Anthracene	11.07	178	441122	38.26	ng		98
72) Carbazole	11.25	167	440258	39.66	ng		98
73) Di-n-butylphthalate	11.59	149	571555	42.55	ng		99
74) Fluoranthene	12.21	202	524645	41.03	ng		98
76) Benzidine	12.33	184	193716	34.63	ng		100
77) Pyrene	12.42	202	451308	37.49	ng		99
79) Butylbenzylphthalate	13.06	149	228730	44.20	ng	#	65
80) Benzo(a)anthracene	13.61	228	426672	42.96	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	133834	41.60	ng	#	94
82) Chrysene	13.65	228	389649	43.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.64	149	349008	52.66	ng		98
84) Di-n-octyl phthalate	14.24	149	539269	53.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.10	276	290397	46.21	ng	#	94
87) Benzo(b)fluoranthene	14.60	252	308841m	38.56	ng		
88) Benzo(k)fluoranthene	14.62	252	312979m	41.94	ng		
89) Benzo(a)pyrene	14.89	252	289791	41.53	ng		97
90) Dibenzo(a,h)anthracene	16.12	278	242071	44.52	ng		98
91) Benzo(g,h,i)perylene	16.45	276	237916	43.13	ng	#	94

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

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