Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081810.D
Acq On : 25 Sep 2015 18:54
Operator : UM/IZ
Sample : G3753-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MS

Manual Integrations APPROVED
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9/28/2015 1:19:10 PM

Quant Time: Sep 26 05:46:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	154250	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	576014	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	277005	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	487519	20.00	ng		0.00
75) Chrysene-d12	14.12	240	330147	20.00	ng		0.00
86) Perylene-d12	15.59	264	350617	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1053016	115.49	ng		0.01
7) Phenol-d6	6.57	99	1236906	107.25	ng		0.00
23) Nitrobenzene-d5	7.52	82	890595	102.01	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	378285	157.30	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1502574	89.04	ng		0.00
78) Terphenyl-d14	13.06	244	1160513	80.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	113153	25.07	ng		89
3) Pyridine	3.43	79	43572	3.42	ng		89
4) n-Nitrosodimethylamine	3.35	42	175897	29.28	ng		99
6) Aniline	6.61	93	217358	12.59	ng		92
8) 2-Chlorophenol	6.73	128	373433	37.17	ng		95
9) Benzaldehyde	6.49	77	128124	18.79	ng	#	79
10) Phenol	6.58	94	377445	28.18	ng	#	62
11) bis(2-Chloroethyl)ether	6.69	93	368081	37.47	ng		97
12) 1,3-Dichlorobenzene	6.89	146	398187	33.49	ng		97
13) 1,4-Dichlorobenzene	6.96	146	384071m	31.93	ng		
14) 1,2-Dichlorobenzene	7.12	146	396394	35.42	ng		97
15) Benzyl Alcohol	7.09	79	300746	33.07	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.22	45	546505	32.52	ng		89
17) 2-Methylphenol	7.20	107	306674	36.14	ng	#	89
18) Hexachloroethane	7.46	117	142867	36.47	ng	#	75
19) n-Nitroso-di-n-propylamine	7.36	70	245279	31.90	ng	#	80
20) 3+4-Methylphenols	7.35	107	347947	32.64	ng	#	77
22) Acetophenone	7.36	105	475465	37.64	ng	#	84
24) Nitrobenzene	7.53	77	352689	36.21	ng	#	67
25) Isophorone	7.77	82	706725	36.54	ng	#	90
26) 2-Nitrophenol	7.85	139	204799	57.89	ng	#	81
27) 2,4-Dimethylphenol	7.89	122	363646	41.46	ng	#	84
28) bis(2-Chloroethoxy)methane	7.99	93	453016	40.10	ng	#	94
29) 2,4-Dichlorophenol	8.09	162	338125	41.41	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	332309	36.26	ng		98
31) Naphthalene	8.25	128	1024277	38.55	ng		97
32) Benzoic acid	7.97	122	101529	59.45	ng	#	66
33) 4-Chloroaniline	8.31	127	184311	15.80	ng	#	97
34) Hexachlorobutadiene	8.37	225	207930	38.47	ng		96
35) Caprolactam	8.67	113	83127	38.10	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	292180	35.71	ng	#	80
37) 2-Methylnaphthalene	8.95	142	733541	38.74	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	320605	36.26	ng		99
40) Hexachlorocyclopentadiene	9.10	237	317516	83.80	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	253076	43.44	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	229849	40.10	ng	#	92
45) 1,1'-Biphenyl	9.42	154	902853	41.68	ng		94
46) 2-Chloronaphthalene	9.44	162	704833	40.45	ng		95
47) 2-Nitroaniline	9.53	65	194425	41.96	ng	#	75
48) Acenaphthylene	9.85	152	983892	33.37	ng		95
49) Dimethylphthalate	9.71	163	1026515	48.70	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	171971	42.27	ng	#	47
51) Acenaphthene	10.02	154	633947	37.31	ng		88
52) 3-Nitroaniline	9.94	138	136786	31.00	ng	#	67
53) 2,4-Dinitrophenol	10.05	184	99317	100.50	ng	#	53
54) Dibenzofuran	10.19	168	901677	36.17	ng	#	86
55) 4-Nitrophenol	10.10	139	299446	98.40	ng	#	80
56) 2,4-Dinitrotoluene	10.18	165	234034	48.05	ng	#	83
57) Fluorene	10.54	166	644088	33.67	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	197176	45.07	ng		98
59) Diethylphthalate	10.41	149	762773	37.36	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	345499	39.34	ng		91
61) 4-Nitroaniline	10.56	138	154032	35.93	ng	#	58
62) Azobenzene	10.70	77	768263	36.81	ng		92
64) 4,6-Dinitro-2-methylphenol	10.58	198	89638	65.56	ng		80
65) n-Nitrosodiphenylamine	10.65	169	616992	37.53	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	228698	42.13	ng	#	81
67) Hexachlorobenzene	11.09	284	251668	44.44	ng	#	84
68) Atrazine	11.18	200	193028	39.27	ng		84
69) Pentachlorophenol	11.28	266	267849	85.16	ng		98
70) Phenanthrene	11.51	178	1069524	38.37	ng		97
71) Anthracene	11.55	178	993715	37.00	ng		96
72) Carbazole	11.70	167	892336	35.79	ng		94
73) Di-n-butylphthalate	12.03	149	1144471	37.71	ng	#	96
74) Fluoranthene	12.69	202	981036	34.93	ng		93
77) Pyrene	12.93	202	1022225	41.07	ng		96
79) Butylbenzylphthalate	13.54	149	436899	44.04	ng	#	88
80) Benzo(a)anthracene	14.10	228	764186	38.17	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	55674	8.76	ng	#	95
82) Chrysene	14.15	228	764999m	39.84	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	563005	46.81	ng	#	91
84) Di-n-octyl phthalate	14.71	149	944995	53.43	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.06	276	837822	47.67	ng	#	87
87) Benzo(b)fluoranthene	15.17	252	882018	42.42	ng	#	85
88) Benzo(k)fluoranthene	15.19	252	612851m	30.60	ng		
89) Benzo(a)pyrene	15.53	252	737329	39.28	ng	#	86
90) Dibenzo(a,h)anthracene	17.09	278	670847	34.29	ng	#	81
91) Benzo(g,h,i)perylene	17.52	276	679668	33.70	ng	#	74

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

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