Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081069.D
Acq On : 19 Aug 2015 6:24
Operator : UM/IZ
Sample : G3289-11MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:32 PM

Quant Time: Aug 19 07:34:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59510	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	234411	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	107087	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	239603	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	191393	20.00	ng		-0.02
86) Perylene-d12	15.07	264	172162	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	289762	73.24	ng		-0.01
7) Phenol-d6	6.25	99	399113	77.31	ng		-0.01
23) Nitrobenzene-d5	7.18	82	272421	53.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	73738	79.44	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	390299	47.76	ng		-0.02
78) Terphenyl-d14	12.69	244	416821	46.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	39754	21.32	ng		96
3) Pyridine	2.71	79	64636	12.28	ng		83
4) n-Nitrosodimethylamine	2.63	42	65401	22.32	ng	#	82
6) Aniline	6.26	93	134604	17.93	ng	#	14
8) 2-Chlorophenol	6.39	128	123141	28.43	ng		90
9) Benzaldehyde	6.15	77	72091	21.66	ng		89
10) Phenol	6.26	94	151702	24.88	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	131054	28.01	ng		96
12) 1,3-Dichlorobenzene	6.55	146	111048	23.86	ng		95
13) 1,4-Dichlorobenzene	6.63	146	110444	23.97	ng		97
14) 1,2-Dichlorobenzene	6.78	146	113865	26.40	ng		92
15) Benzyl Alcohol	6.75	79	105082	25.16	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	251739	27.38	ng		100
17) 2-Methylphenol	6.88	107	103592	27.88	ng		94
18) Hexachloroethane	7.12	117	45639	24.51	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	94761	26.50	ng		97
20) 3+4-Methylphenols	7.04	107	129481	27.45	ng	#	42
22) Acetophenone	7.03	105	178291	28.97	ng	#	89
24) Nitrobenzene	7.19	77	132124	24.63	ng		93
25) Isophorone	7.44	82	258654	27.03	ng		97
26) 2-Nitrophenol	7.51	139	55296	24.78	ng	#	90
27) 2,4-Dimethylphenol	7.56	122	115708	29.31	ng		91
28) bis(2-Chloroethoxy)methane	7.66	93	150620	26.64	ng		99
29) 2,4-Dichlorophenol	7.76	162	95990	28.88	ng		95
30) 1,2,4-Trichlorobenzene	7.84	180	98090	26.56	ng		99
31) Naphthalene	7.92	128	324966	24.87	ng		100
32) Benzoic acid	7.64	122	18306	8.24	ng	#	87
33) 4-Chloroaniline	7.96	127	95780	17.37	ng		97
34) Hexachlorobutadiene	8.03	225	52030	24.91	ng		94
35) Caprolactam	8.33	113	31731m	27.32	ng		
36) 4-Chloro-3-methylphenol	8.46	107	114382	28.88	ng		97
37) 2-Methylnaphthalene	8.60	142	236784	28.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	84603	24.49	ng		99
40) Hexachlorocyclopentadiene	8.76	237	89465	50.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	63790	26.13	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	73749	30.23	ng		97
45) 1,1'-Biphenyl	9.07	154	261153	27.69	ng		98
46) 2-Chloronaphthalene	9.08	162	190805	25.18	ng	#	91
47) 2-Nitroaniline	9.19	65	96966	31.27	ng		92
48) Acenaphthylene	9.50	152	334452	24.67	ng		99
49) Dimethylphthalate	9.38	163	355950	40.36	ng		98
50) 2,6-Dinitrotoluene	9.44	165	54353	28.71	ng	#	74
51) Acenaphthene	9.67	154	206197	25.41	ng		99
52) 3-Nitroaniline	9.60	138	61270	25.86	ng		83
53) 2,4-Dinitrophenol	9.70	184	35157	38.55	ng	#	78
54) Dibenzofuran	9.84	168	277966	25.56	ng		93
55) 4-Nitrophenol	9.77	139	103066	61.93	ng	#	75
56) 2,4-Dinitrotoluene	9.83	165	67358	26.84	ng	#	68
57) Fluorene	10.18	166	242618	29.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	59030	31.26	ng		96
59) Diethylphthalate	10.08	149	275537	29.52	ng	#	93
60) 4-Chlorophenyl-phenylether	10.18	204	113321	32.01	ng		92
61) 4-Nitroaniline	10.20	138	63194	26.09	ng		92
62) Azobenzene	10.34	77	323914	30.11	ng		90
64) 4,6-Dinitro-2-methylphenol	10.24	198	40295	28.16	ng	#	50
65) n-Nitrosodiphenylamine	10.30	169	205161	23.99	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	59018	25.07	ng	#	64
67) Hexachlorobenzene	10.72	284	60059	25.19	ng	#	65
68) Atrazine	10.83	200	75536	31.70	ng		99
69) Pentachlorophenol	10.92	266	70769	49.48	ng		97
70) Phenanthrene	11.13	178	342545	24.12	ng		99
71) Anthracene	11.19	178	360945	26.12	ng		97
72) Carbazole	11.34	167	346848	26.07	ng		98
73) Di-n-butylphthalate	11.69	149	502721	31.23	ng		99
74) Fluoranthene	12.31	202	386511	25.22	ng		94
76) Benzidine	12.45	184	180200	24.92	ng		98
77) Pyrene	12.54	202	430000	27.64	ng		99
79) Butylbenzylphthalate	13.18	149	214011	32.00	ng		99
80) Benzo(a)anthracene	13.71	228	348646	27.16	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	110778	26.64	ng	#	96
82) Chrysene	13.75	228	305472	26.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.74	149	321207	37.50	ng	#	98
84) Di-n-octyl phthalate	14.34	149	544082	41.79	ng		100
85) Indeno(1,2,3-cd)pyrene	16.29	276	253022	31.15	ng	#	94
87) Benzo(b)fluoranthene	14.71	252	289637m	23.78	ng		
88) Benzo(k)fluoranthene	14.73	252	277570m	24.46	ng		
89) Benzo(a)pyrene	15.02	252	268891	25.34	ng	#	96
90) Dibenzo(a,h)anthracene	16.30	278	214140	25.90	ng	#	94
91) Benzo(g,h,i)perylene	16.65	276	203766	24.29	ng	#	94

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

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