Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082980.D
Acq On : 17 Nov 2015 22:02
Operator : UM/IZ
Sample : G4426-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MSD

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:22 AM

Quant Time: Nov 18 06:28:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155906m	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	616120	20.00	ng		-0.10
38) Acenaphthene-d10	9.79	164	307049	20.00	ng		-0.10
63) Phenanthrene-d10	11.28	188	584644	20.00	ng		-0.10
75) Chrysene-d12	13.91	240	401698	20.00	ng		-0.11
86) Perylene-d12	15.30	264	346518	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1134906	113.26	ng		-0.08
7) Phenol-d6	6.42	99	1718191	128.98	ng		-0.07
23) Nitrobenzene-d5	7.32	82	977994	69.07	ng		-0.09
41) 2,4,6-Tribromophenol	10.59	330	378958	107.64	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	1562246	72.92	ng		-0.09
78) Terphenyl-d14	12.87	244	1566599	92.50	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	181780	42.05	ng		96
3) Pyridine	3.01	79	514887	41.04	ng		93
4) n-Nitrosodimethylamine	2.96	42	246052	39.54	ng	#	75
6) Aniline	6.42	93	490356m	26.22	ng		
8) 2-Chlorophenol	6.54	128	451876	40.68	ng		83
9) Benzaldehyde	6.29	77	45688m	6.21	ng		
10) Phenol	6.43	94	647477	42.84	ng		77
11) bis(2-Chloroethyl)ether	6.50	93	493665	43.67	ng		87
12) 1,3-Dichlorobenzene	6.69	146	456958	36.48	ng		93
13) 1,4-Dichlorobenzene	6.77	146	506268	38.84	ng		95
14) 1,2-Dichlorobenzene	6.93	146	451441	38.09	ng		96
15) Benzyl Alcohol	6.91	79	471054	40.27	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	746026	45.00	ng		94
17) 2-Methylphenol	7.04	107	415684	44.18	ng		97
18) Hexachloroethane	7.28	117	193357m	41.48	ng		
19) n-Nitroso-di-n-propylamine	7.18	70	414903m	42.37	ng		
20) 3+4-Methylphenols	7.18	107	489689	40.03	ng	#	63
22) Acetophenone	7.17	105	733939	41.57	ng		99
24) Nitrobenzene	7.34	77	619148	42.76	ng		99
25) Isophorone	7.58	82	1052908	40.19	ng		98
26) 2-Nitrophenol	7.66	139	242778	40.17	ng	#	54
27) 2,4-Dimethylphenol	7.71	122	395018	36.37	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	655202	44.34	ng		98
29) 2,4-Dichlorophenol	7.90	162	384466	39.17	ng		86
30) 1,2,4-Trichlorobenzene	7.98	180	402561	36.47	ng		97
31) Naphthalene	8.06	128	1301723	38.29	ng		99
32) Benzoic acid	7.81	122	127942	17.21	ng		94
33) 4-Chloroaniline	8.11	127	247966	16.93	ng		94
34) Hexachlorobutadiene	8.19	225	256520	37.14	ng		99
35) Caprolactam	8.49	113	141301m	45.66	ng		
36) 4-Chloro-3-methylphenol	8.61	107	428529	37.13	ng		92
37) 2-Methylnaphthalene	8.75	142	833347	37.90	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	345880	34.28	ng		97
40) Hexachlorocyclopentadiene	8.92	237	449451	82.91	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	278758	37.01	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	298178	40.03	ng	#	76
45) 1,1'-Biphenyl	9.22	154	927919	35.22	ng		95
46) 2-Chloronaphthalene	9.24	162	784148	38.15	ng		96
47) 2-Nitroaniline	9.34	65	333505	43.74	ng	#	63
48) Acenaphthylene	9.65	152	1221316	37.92	ng		98
49) Dimethylphthalate	9.53	163	1377427	54.75	ng		100
50) 2,6-Dinitrotoluene	9.58	165	205264	38.24	ng		98
51) Acenaphthene	9.82	154	852446	41.76	ng		99
52) 3-Nitroaniline	9.76	138	163588	27.71	ng	#	59
53) 2,4-Dinitrophenol	9.86	184	187596	63.65	ng	#	20
54) Dibenzofuran	10.01	168	1139551	41.40	ng	#	85
55) 4-Nitrophenol	9.94	139	381052	84.14	ng		91
56) 2,4-Dinitrotoluene	9.98	165	271607	37.29	ng		94
57) Fluorene	10.34	166	859816	38.58	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242236	39.84	ng	#	86
59) Diethylphthalate	10.24	149	973240	39.62	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	423948	38.01	ng	#	90
61) 4-Nitroaniline	10.37	138	247953	41.77	ng	#	69
62) Azobenzene	10.50	77	1167239	44.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	153105	36.76	ng	#	72
65) n-Nitrosodiphenylamine	10.46	169	819411	38.80	ng		97
66) 4-Bromophenyl-phenylether	10.83	248	274883	39.05	ng		94
67) Hexachlorobenzene	10.90	284	294355	37.45	ng	#	57
68) Atrazine	10.99	200	246057	37.67	ng		96
69) Pentachlorophenol	11.09	266	331568	69.46	ng		98
70) Phenanthrene	11.30	178	1223300	36.03	ng		98
71) Anthracene	11.36	178	1434318	40.10	ng		99
72) Carbazole	11.50	167	1158601	37.01	ng		98
73) Di-n-butylphthalate	11.85	149	1399823	35.89	ng		99
74) Fluoranthene	12.49	202	1421607	39.02	ng		97
76) Benzidine	12.61	184	544906	40.48	ng		98
77) Pyrene	12.72	202	1397912	50.67	ng		99
79) Butylbenzylphthalate	13.35	149	648746	53.23	ng	#	83
80) Benzo(a)anthracene	13.89	228	1073634	42.74	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	202188	22.64	ng		98
82) Chrysene	13.94	228	1083662	47.10	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	804878	48.25	ng	#	98
84) Di-n-octyl phthalate	14.52	149	1294576	46.53	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	882632	44.54	ng	#	95
87) Benzo(b)fluoranthene	14.91	252	827288m	37.19	ng		
88) Benzo(k)fluoranthene	14.95	252	815097m	41.31	ng		
89) Benzo(a)pyrene	15.24	252	760673	39.47	ng	#	97
90) Dibenzo(a,h)anthracene	16.65	278	743961	45.59	ng	#	97
91) Benzo(g,h,i)perylene	17.04	276	739185	47.29	ng		96

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

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