Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083142.D
Acq On : 22 Nov 2015 6:59
Operator : UM/IZ
Sample : G4505-03MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(7.5-9.5)MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:47 PM

Quant Time: Nov 23 03:06:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	200007	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	772927	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	396456	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	720219	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	608703	20.00	ng		-0.01
86) Perylene-d12	15.15	264	524633	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1664330	125.81	ng		-0.01
7) Phenol-d6	6.33	99	2334533	136.39	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1552842	91.80	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	500553	123.41	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2371393	83.41	ng		0.00
78) Terphenyl-d14	12.75	244	2250148	87.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	234078	35.72	ng	#	94
3) Pyridine	2.91	79	621208	35.89	ng		96
4) n-Nitrosodimethylamine	2.82	42	353835	44.32	ng		100
6) Aniline	6.33	93	725172	34.67	ng	#	55
8) 2-Chlorophenol	6.44	128	616149	43.11	ng		99
9) Benzaldehyde	6.19	77	438496	58.90	ng		90
10) Phenol	6.34	94	993671	47.99	ng	#	77
11) bis(2-Chloroethyl)ether	6.40	93	624999	42.27	ng		93
12) 1,3-Dichlorobenzene	6.59	146	658714m	40.36	ng		
13) 1,4-Dichlorobenzene	6.67	146	677682	41.05	ng		95
14) 1,2-Dichlorobenzene	6.82	146	585440	39.02	ng		96
15) Benzyl Alcohol	6.82	79	629914	44.04	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1069279	46.38	ng		85
17) 2-Methylphenol	6.95	107	541151	45.76	ng		97
18) Hexachloroethane	7.16	117	235682	40.53	ng	#	86
19) n-Nitroso-di-n-propylamine	7.10	70	531913	44.65	ng	#	88
20) 3+4-Methylphenols	7.10	107	701805	46.94	ng		92
22) Acetophenone	7.08	105	924923	41.68	ng	#	94
24) Nitrobenzene	7.24	77	729451	40.36	ng		99
25) Isophorone	7.50	82	1371243	42.81	ng		99
26) 2-Nitrophenol	7.56	139	341684	42.82	ng		91
27) 2,4-Dimethylphenol	7.62	122	545340	42.82	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	836584	44.93	ng		99
29) 2,4-Dichlorophenol	7.82	162	579623	47.86	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	548731	41.25	ng		97
31) Naphthalene	7.96	128	1782371	42.73	ng		98
32) Benzoic acid	7.74	122	72405	7.31	ng		96
33) 4-Chloroaniline	8.02	127	384264	23.74	ng		97
34) Hexachlorobutadiene	8.09	225	324967	41.33	ng		98
35) Caprolactam	8.42	113	195533m	50.37	ng		
36) 4-Chloro-3-methylphenol	8.52	107	617741	44.03	ng		90
37) 2-Methylnaphthalene	8.65	142	1137861	42.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	491398	38.24	ng	#	96
40) Hexachlorocyclopentadiene	8.81	237	532672	72.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	402094	43.69	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	417497	44.37	ng		98
45) 1,1'-Biphenyl	9.12	154	1323853	39.23	ng		97
46) 2-Chloronaphthalene	9.14	162	1127064	42.52	ng		95
47) 2-Nitroaniline	9.24	65	402626	42.94	ng		97
48) Acenaphthylene	9.55	152	1671529	40.70	ng		99
49) Dimethylphthalate	9.44	163	1801320	59.02	ng		100
50) 2,6-Dinitrotoluene	9.50	165	298044	43.52	ng	#	52
51) Acenaphthene	9.72	154	1030604	41.23	ng		99
52) 3-Nitroaniline	9.66	138	208915	28.61	ng	#	64
53) 2,4-Dinitrophenol	9.76	184	183996	46.63	ng		91
54) Dibenzofuran	9.90	168	1434301	40.58	ng		95
55) 4-Nitrophenol	9.85	139	445474	79.56	ng		98
56) 2,4-Dinitrotoluene	9.90	165	402715	46.41	ng	#	80
57) Fluorene	10.24	166	1203205	41.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	332639	43.09	ng		98
59) Diethylphthalate	10.14	149	1351858	44.50	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	553076	41.34	ng	#	80
61) 4-Nitroaniline	10.28	138	324491	45.14	ng		93
62) Azobenzene	10.39	77	1545790	44.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	206735m	41.66	ng		
65) n-Nitrosodiphenylamine	10.35	169	1058290	43.20	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	344384	43.09	ng	#	86
67) Hexachlorobenzene	10.79	284	392789	44.63	ng	#	82
68) Atrazine	10.89	200	328508	46.18	ng		99
69) Pentachlorophenol	10.98	266	440858	76.90	ng		98
70) Phenanthrene	11.19	178	1675269	40.37	ng		99
71) Anthracene	11.24	178	1877992	44.36	ng		99
72) Carbazole	11.40	167	1676331	44.55	ng		99
73) Di-n-butylphthalate	11.75	149	2078360	45.25	ng		99
74) Fluoranthene	12.38	202	1842422	43.38	ng		94
76) Benzidine	12.50	184	795650	49.87	ng		99
77) Pyrene	12.59	202	1723486	41.44	ng		100
79) Butylbenzylphthalate	13.23	149	898433	45.65	ng		97
80) Benzo(a)anthracene	13.78	228	1678399	44.58	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	427698	32.64	ng		98
82) Chrysene	13.82	228	1306552	37.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1139078	44.31	ng		97
84) Di-n-octyl phthalate	14.40	149	1982036	44.79	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1326379	41.77	ng		97
87) Benzo(b)fluoranthene	14.79	252	1553811m	43.35	ng		
88) Benzo(k)fluoranthene	14.81	252	1055996m	39.54	ng		
89) Benzo(a)pyrene	15.10	252	1239609	41.89	ng	#	95
90) Dibenzo(a,h)anthracene	16.43	278	1127039	41.92	ng		98
91) Benzo(g,h,i)perylene	16.80	276	1099194	41.88	ng	#	96

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

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