Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083984.D
Acq On : 20 Dec 2015 7:17
Operator : UM/SJ
Sample : G4851-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-8MSD

Manual Integrations APPROVED
apatel
12/22/2015 12:17:46 PM

Quant Time: Dec 21 04:34:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77080	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	247445	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	144595	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	241650	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	140800	20.00	ng		-0.02
86) Perylene-d12	15.44	264	150411	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	605782	122.99	ng		-0.01
7) Phenol-d6	6.51	99	739457	122.65	ng		0.00
23) Nitrobenzene-d5	7.42	82	536918	123.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	172371	108.21	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	833175	80.19	ng		-0.02
78) Terphenyl-d14	12.96	244	671125	113.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	75948	35.55	ng		98
3) Pyridine	3.21	79	204461	38.70	ng		96
4) n-Nitrosodimethylamine	3.16	42	88691	44.01	ng		95
6) Aniline	6.52	93	207284	26.70	ng	#	1
8) 2-Chlorophenol	6.65	128	266799	45.51	ng		91
9) Benzaldehyde	6.40	77	97538	26.85	ng		97
10) Phenol	6.52	94	338237	50.28	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	228865	44.78	ng		96
12) 1,3-Dichlorobenzene	6.80	146	272722	43.26	ng		99
13) 1,4-Dichlorobenzene	6.86	146	251612	39.09	ng		97
14) 1,2-Dichlorobenzene	7.02	146	266771	52.03	ng		99
15) Benzyl Alcohol	7.00	79	218231	47.83	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	237675	45.10	ng		90
17) 2-Methylphenol	7.13	107	205846	44.77	ng	#	92
18) Hexachloroethane	7.37	117	100725	42.65	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	158763	45.17	ng	#	91
20) 3+4-Methylphenols	7.28	107	227500	42.10	ng	#	57
22) Acetophenone	7.26	105	343316	57.63	ng	#	93
24) Nitrobenzene	7.44	77	207629	46.31	ng		98
25) Isophorone	7.68	82	467050	57.25	ng		99
26) 2-Nitrophenol	7.76	139	148882	64.15	ng		94
27) 2,4-Dimethylphenol	7.80	122	209046	52.29	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	235214	48.75	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	183195	50.51	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	172619	44.31	ng		100
31) Naphthalene	8.16	128	595754	47.93	ng		99
32) Benzoic acid	7.90	122	34739	28.22	ng		87
33) 4-Chloroaniline	8.21	127	110028	19.59	ng	#	88
34) Hexachlorobutadiene	8.28	225	123027	50.57	ng		99
35) Caprolactam	8.59	113	72706m	60.67	ng		
36) 4-Chloro-3-methylphenol	8.70	107	229636	56.55	ng		95
37) 2-Methylnaphthalene	8.85	142	423999	49.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	160801	35.27	ng		99
40) Hexachlorocyclopentadiene	9.00	237	54691	46.31	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	119335	39.64	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	143431	48.15	ng		99
45) 1,1'-Biphenyl	9.31	154	486058	39.86	ng		100
46) 2-Chloronaphthalene	9.33	162	413559	43.47	ng		100
47) 2-Nitroaniline	9.44	65	142103	49.69	ng	#	81
48) Acenaphthylene	9.76	152	690600	40.97	ng		99
49) Dimethylphthalate	9.62	163	724103	59.68	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	108143	40.86	ng	#	62
51) Acenaphthene	9.93	154	408995m	39.46	ng		
52) 3-Nitroaniline	9.85	138	95292	34.16	ng		81
53) 2,4-Dinitrophenol	9.96	184	78579	82.34	ng	#	89
54) Dibenzofuran	10.10	168	646161	48.00	ng		98
55) 4-Nitrophenol	10.03	139	164093	94.21	ng		91
56) 2,4-Dinitrotoluene	10.09	165	170672	50.31	ng	#	84
57) Fluorene	10.44	166	488665	47.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	108842	49.38	ng	#	94
59) Diethylphthalate	10.32	149	508369	40.53	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	224473	43.51	ng		99
61) 4-Nitroaniline	10.46	138	123553	42.80	ng		93
62) Azobenzene	10.59	77	521779	49.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	74486	49.98	ng		80
65) n-Nitrosodiphenylamine	10.54	169	411120	46.75	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	125186	42.37	ng		96
67) Hexachlorobenzene	10.99	284	148975	47.89	ng		97
68) Atrazine	11.08	200	147514	52.95	ng		95
69) Pentachlorophenol	11.18	266	129377	96.95	ng		97
70) Phenanthrene	11.40	178	645555	44.22	ng		100
71) Anthracene	11.45	178	615610	43.62	ng		100
72) Carbazole	11.61	167	629189	45.12	ng		98
73) Di-n-butylphthalate	11.93	149	768416	46.90	ng	#	97
74) Fluoranthene	12.58	202	492563	33.81	ng		99
76) Benzidine	12.69	184	93571	16.60	ng		99
77) Pyrene	12.81	202	486431	52.81	ng		100
79) Butylbenzylphthalate	13.43	149	267002	56.97	ng		94
80) Benzo(a)anthracene	14.00	228	382644	44.20	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	109863	33.96	ng	#	95
82) Chrysene	14.03	228	357800m	42.79	ng		
83) Bis(2-ethylhexyl)phthalate	13.99	149	347808	55.58	ng	#	98
84) Di-n-octyl phthalate	14.59	149	557565	56.94	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	474935	75.95	ng		98
87) Benzo(b)fluoranthene	15.03	252	400783m	36.55	ng		
88) Benzo(k)fluoranthene	15.06	252	420011m	46.43	ng		
89) Benzo(a)pyrene	15.38	252	421096	46.50	ng	#	98
90) Dibenzo(a,h)anthracene	16.87	278	395718	56.17	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	403999	58.52	ng		99

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

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