Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084846.D
Acq On : 4 Feb 2016 23:28
Operator : SJ/IZ
Sample : H1320-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)MSD

Manual Integrations APPROVED
mohammad
2/5/2016 1:49:10 PM

Quant Time: Feb 05 03:14:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	151707	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	602382	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	248539	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	395697	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	258016	20.00	ng		0.00
86) Perylene-d12	15.22	264	323148	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1154113	118.49	ng		0.00
7) Phenol-d6	6.34	99	1496411	123.93	ng		0.00
23) Nitrobenzene-d5	7.25	82	961877	89.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	299847	115.66	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1511580	117.27	ng		-0.01
78) Terphenyl-d14	12.78	244	969640	85.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	149838	35.12	ng	#	73
3) Pyridine	2.88	79	410055	36.89	ng	#	76
4) n-Nitrosodimethylamine	2.83	42	250699	43.61	ng		83
6) Aniline	6.35	93	228232	15.45	ng	#	1
8) 2-Chlorophenol	6.46	128	483199	43.83	ng		97
9) Benzaldehyde	6.21	77	170536	23.92	ng		95
10) Phenol	6.35	94	668547	49.42	ng		88
11) bis(2-Chloroethyl)ether	6.42	93	448544m	42.52	ng		
12) 1,3-Dichlorobenzene	6.61	146	480893	41.29	ng	#	94
13) 1,4-Dichlorobenzene	6.69	146	496881	42.67	ng		95
14) 1,2-Dichlorobenzene	6.84	146	416461	38.40	ng		95
15) Benzyl Alcohol	6.83	79	350229	42.01	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	697362	39.30	ng		96
17) 2-Methylphenol	6.96	107	382303	43.85	ng	#	92
18) Hexachloroethane	7.18	117	173342	38.66	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	309037	40.83	ng	#	73
20) 3+4-Methylphenols	7.12	107	504374	46.61	ng		91
22) Acetophenone	7.09	105	639680	40.29	ng	#	99
24) Nitrobenzene	7.26	77	431265	37.66	ng		95
25) Isophorone	7.52	82	843393	40.56	ng	#	94
26) 2-Nitrophenol	7.58	139	247970	43.91	ng	#	87
27) 2,4-Dimethylphenol	7.64	122	415071	42.25	ng		88
28) bis(2-Chloroethoxy)methane	7.72	93	513248	41.61	ng		98
29) 2,4-Dichlorophenol	7.84	162	369588	43.97	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	371438	39.13	ng		97
31) Naphthalene	7.98	128	1512469	50.06	ng		99
33) 4-Chloroaniline	8.05	127	121349	9.71	ng		94
34) Hexachlorobutadiene	8.11	225	224342	40.98	ng		97
35) Caprolactam	8.42	113	111400	43.00	ng	#	64
36) 4-Chloro-3-methylphenol	8.54	107	394259	41.12	ng		93
37) 2-Methylnaphthalene	8.68	142	920335	48.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	342966	43.45	ng		99
40) Hexachlorocyclopentadiene	8.83	237	67238	27.11	ng		97
42) 2,4,6-Trichlorophenol	8.97	196	227183	44.68	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.01	196	224872	43.52	ng		93
45) 1,1'-Biphenyl	9.14	154	907742	40.89	ng		98
46) 2-Chloronaphthalene	9.16	162	682148	41.73	ng		95
47) 2-Nitroaniline	9.26	65	216779	41.88	ng		97
48) Acenaphthylene	9.57	152	1223563	49.32	ng		98
49) Dimethylphthalate	9.45	163	1013154	53.52	ng	#	89
50) 2,6-Dinitrotoluene	9.52	165	190335	46.03	ng		96
51) Acenaphthene	9.74	154	820766	50.85	ng		97
52) 3-Nitroaniline	9.68	138	134964	29.04	ng		93
53) 2,4-Dinitrophenol	9.79	184	4850	8.16	ng	#	51
54) Dibenzofuran	9.92	168	1083511	54.93	ng		90
55) 4-Nitrophenol	9.86	139	218237	63.90	ng	#	84
56) 2,4-Dinitrotoluene	9.92	165	219950	41.70	ng	#	75
57) Fluorene	10.26	166	839816	50.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	169025	42.97	ng		91
59) Diethylphthalate	10.14	149	757357	40.97	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	340849	50.07	ng		97
61) 4-Nitroaniline	10.29	138	179058	39.54	ng	#	78
62) Azobenzene	10.42	77	826519	46.50	ng		88
64) 4,6-Dinitro-2-methylphenol	10.33	198	33609	13.76	ng		85
65) n-Nitrosodiphenylamine	10.37	169	642616	51.14	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	199746	45.70	ng		94
67) Hexachlorobenzene	10.81	284	198407	41.66	ng	#	88
68) Atrazine	10.91	200	173664	43.77	ng		100
69) Pentachlorophenol	11.01	266	137767	61.56	ng		99
70) Phenanthrene	11.23	178	3566470	162.50	ng		93
71) Anthracene	11.28	178	1728842	78.18	ng		98
72) Carbazole	11.44	167	1066031	55.28	ng		97
73) Di-n-butylphthalate	11.77	149	992577	40.43	ng	#	95
74) Fluoranthene	12.42	202	3851408	173.39	ng		96
76) Benzidine	12.53	184	213483	24.23	ng		98
77) Pyrene	12.65	202	3918189	198.34	ng		94
79) Butylbenzylphthalate	13.27	149	408276	45.56	ng		98
80) Benzo(a)anthracene	13.83	228	2447638	152.84	ng		93
81) 3,3'-Dichlorobenzidine	13.79	252	120085	21.18	ng	#	93
82) Chrysene	13.87	228	1885109	121.39	ng		94
83) Bis(2-ethylhexyl)phthalate	13.83	149	460660	41.31	ng		99
84) Di-n-octyl phthalate	14.44	149	904327	49.15	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.53	276	1711013	139.98	ng		96
87) Benzo(b)fluoranthene	14.85	252	3292214m	151.63	ng		
88) Benzo(k)fluoranthene	14.87	252	778579m	43.37	ng		
89) Benzo(a)pyrene	15.17	252	2176737	117.66	ng	#	92
90) Dibenzo(a,h)anthracene	16.53	278	912914	58.62	ng		94
91) Benzo(g,h,i)perylene	16.92	276	1583686	100.95	ng		97

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

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