Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084845.D
Acq On : 4 Feb 2016 23:00
Operator : SJ/IZ
Sample : H1320-18MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
2/5/2016 1:49:07 PM

Quant Time: Feb 05 03:12:34 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	151577	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	613838	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	263179	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	411820	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	283220	20.00	ng		0.00
86) Perylene-d12	15.21	264	323875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1197397	123.04	ng		0.00
7) Phenol-d6	6.34	99	1513140	125.42	ng		0.00
23) Nitrobenzene-d5	7.25	82	936034	85.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	279445	101.79	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1376660	89.78	ng		-0.01
78) Terphenyl-d14	12.77	244	876194	70.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	147543	34.61	ng	#	74
3) Pyridine	2.88	79	466968	42.05	ng	#	79
4) n-Nitrosodimethylamine	2.82	42	239720	41.73	ng		81
6) Aniline	6.34	93	298692	20.23	ng	#	33
8) 2-Chlorophenol	6.46	128	479005	43.49	ng		98
9) Benzaldehyde	6.21	77	173188	24.31	ng		95
10) Phenol	6.35	94	595399	44.05	ng		88
11) bis(2-Chloroethyl)ether	6.42	93	434511	41.23	ng		85
12) 1,3-Dichlorobenzene	6.61	146	473957	40.73	ng	#	95
13) 1,4-Dichlorobenzene	6.69	146	498605	42.86	ng		95
14) 1,2-Dichlorobenzene	6.84	146	407767	37.63	ng		95
15) Benzyl Alcohol	6.83	79	364920	43.80	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	700089	39.49	ng		91
17) 2-Methylphenol	6.96	107	382293	43.88	ng	#	92
18) Hexachloroethane	7.18	117	172990	38.61	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	318963	42.18	ng	#	77
20) 3+4-Methylphenols	7.12	107	485681	44.92	ng		91
22) Acetophenone	7.09	105	638360	39.46	ng	#	97
24) Nitrobenzene	7.26	77	444134	38.06	ng		96
25) Isophorone	7.50	82	836390	39.47	ng		98
26) 2-Nitrophenol	7.58	139	258613	44.94	ng	#	90
27) 2,4-Dimethylphenol	7.63	122	386524	38.61	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	506968	40.33	ng		99
29) 2,4-Dichlorophenol	7.84	162	355841	41.55	ng		92
30) 1,2,4-Trichlorobenzene	7.90	180	373356	38.59	ng		96
31) Naphthalene	7.98	128	1481508	48.12	ng		100
33) 4-Chloroaniline	8.04	127	133035	10.45	ng		95
34) Hexachlorobutadiene	8.11	225	224980	40.33	ng		99
35) Caprolactam	8.41	113	109512	41.48	ng	#	47
36) 4-Chloro-3-methylphenol	8.53	107	379511	38.84	ng		90
37) 2-Methylnaphthalene	8.68	142	862290	44.75	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	340252	40.71	ng		99
40) Hexachlorocyclopentadiene	8.83	237	90880	32.94	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	216216	40.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	228857	41.83	ng	#	82
45) 1,1'-Biphenyl	9.14	154	936377	39.83	ng		98
46) 2-Chloronaphthalene	9.16	162	711109	41.08	ng		94
47) 2-Nitroaniline	9.26	65	227146	41.44	ng		95
48) Acenaphthylene	9.57	152	1154619	43.95	ng		97
49) Dimethylphthalate	9.45	163	960155	47.90	ng	#	90
50) 2,6-Dinitrotoluene	9.52	165	181592	41.47	ng		91
51) Acenaphthene	9.74	154	735197	43.02	ng		97
52) 3-Nitroaniline	9.68	138	147833	30.04	ng		89
53) 2,4-Dinitrophenol	9.79	184	2179	6.80	ng	#	62
54) Dibenzofuran	9.92	168	959190	45.92	ng		91
55) 4-Nitrophenol	9.86	139	182990	50.60	ng		89
56) 2,4-Dinitrotoluene	9.92	165	233105	41.74	ng	#	89
57) Fluorene	10.26	166	770817	44.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	160277	38.48	ng		90
59) Diethylphthalate	10.14	149	758450	38.75	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	340181	46.69	ng		93
61) 4-Nitroaniline	10.28	138	174915	36.48	ng		93
62) Azobenzene	10.42	77	815225	43.32	ng		88
64) 4,6-Dinitro-2-methylphenol	10.32	198	18818	7.40	ng	#	49
65) n-Nitrosodiphenylamine	10.37	169	612744	46.86	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	194522	42.77	ng	#	70
67) Hexachlorobenzene	10.81	284	215290	43.44	ng		99
68) Atrazine	10.91	200	171431	41.51	ng		99
69) Pentachlorophenol	11.00	266	101332	43.50	ng		96
70) Phenanthrene	11.22	178	2505287	109.68	ng		96
71) Anthracene	11.28	178	1477998	64.22	ng		100
72) Carbazole	11.43	167	885304	44.11	ng		99
73) Di-n-butylphthalate	11.77	149	1007308	39.42	ng	#	96
74) Fluoranthene	12.41	202	3381063	146.25	ng		97
76) Benzidine	12.53	184	226835	23.60	ng		99
77) Pyrene	12.64	202	3100609	142.99	ng		95
79) Butylbenzylphthalate	13.27	149	414797	42.17	ng	#	89
80) Benzo(a)anthracene	13.83	228	1892962	107.69	ng		94
81) 3,3'-Dichlorobenzidine	13.79	252	128802	20.69	ng	#	94
82) Chrysene	13.86	228	1629125m	95.57	ng		
83) Bis(2-ethylhexyl)phthalate	13.83	149	456739	37.31	ng		98
84) Di-n-octyl phthalate	14.44	149	916294	45.37	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.52	276	1508702	112.45	ng		96
87) Benzo(b)fluoranthene	14.84	252	2516354m	115.64	ng		
88) Benzo(k)fluoranthene	14.87	252	969747m	53.90	ng		
89) Benzo(a)pyrene	15.17	252	2003558	108.06	ng	#	95
90) Dibenzo(a,h)anthracene	16.52	278	845939	54.20	ng		95
91) Benzo(g,h,i)perylene	16.91	276	1393476	88.63	ng		97

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

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