Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084678.D
Acq On : 30 Jan 2016 11:36
Operator : SJ/IZ
Sample : H1257-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B015(6-9)MS

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:53 PM

Quant Time: Feb 01 01:28:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173286	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	667319	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	311318	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	544729	20.00	ng		0.00
75) Chrysene-d12	13.87	240	314928	20.00	ng		0.00
86) Perylene-d12	15.25	264	348523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1351874	117.76	ng		0.02
7) Phenol-d6	6.38	99	1668811	121.29	ng		0.01
23) Nitrobenzene-d5	7.30	82	1070209	89.63	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	399315	122.38	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1537931	73.43	ng		0.00
78) Terphenyl-d14	12.83	244	1211967	86.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	167597	31.31	ng	#	76
3) Pyridine	2.97	79	404794	28.39	ng	#	76
4) n-Nitrosodimethylamine	2.92	42	269097	38.59	ng	#	86
6) Aniline	6.38	93	288362	16.33	ng	#	24
8) 2-Chlorophenol	6.51	128	478107	37.55	ng		89
9) Benzaldehyde	6.27	77	37059	4.65	ng		89
10) Phenol	6.40	94	625734	40.81	ng		90
11) bis(2-Chloroethyl)ether	6.46	93	482023m	40.42	ng		
12) 1,3-Dichlorobenzene	6.66	146	494624m	36.26	ng		
13) 1,4-Dichlorobenzene	6.74	146	482869	36.06	ng		98
14) 1,2-Dichlorobenzene	6.90	146	492573	39.95	ng		97
15) Benzyl Alcohol	6.88	79	395547	42.24	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	749718	36.73	ng		89
17) 2-Methylphenol	7.00	107	417047	42.25	ng		95
18) Hexachloroethane	7.24	117	201551	38.48	ng	#	87
19) n-Nitroso-di-n-propylamine	7.15	70	338107	40.23	ng	#	74
20) 3+4-Methylphenols	7.15	107	493865	41.23	ng	#	72
22) Acetophenone	7.14	105	699897	40.16	ng	#	98
24) Nitrobenzene	7.31	77	464019	36.56	ng		92
25) Isophorone	7.56	82	948193	42.39	ng		95
26) 2-Nitrophenol	7.63	139	256267	42.46	ng	#	84
27) 2,4-Dimethylphenol	7.68	122	409246	38.70	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	568951	42.38	ng		98
29) 2,4-Dichlorophenol	7.88	162	409541	44.27	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	412158	38.96	ng	#	92
31) Naphthalene	8.03	128	1353190	40.17	ng		99
32) Benzoic acid	7.79	122	114786	14.14	ng		98
33) 4-Chloroaniline	8.09	127	130382	9.52	ng		97
34) Hexachlorobutadiene	8.16	225	248011	39.67	ng		99
35) Caprolactam	8.45	113	136469	51.41	ng	#	48
36) 4-Chloro-3-methylphenol	8.59	107	462315	45.39	ng		93
37) 2-Methylnaphthalene	8.73	142	986386	47.70	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	359483	35.61	ng		99
40) Hexachlorocyclopentadiene	8.88	237	278023	60.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	274771	43.81	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	280206	43.27	ng		96
45) 1,1'-Biphenyl	9.20	154	1100675	38.58	ng		96
46) 2-Chloronaphthalene	9.22	162	794504	38.17	ng	#	85
47) 2-Nitroaniline	9.31	65	245422	39.26	ng		99
48) Acenaphthylene	9.63	152	1277086	40.49	ng		99
49) Dimethylphthalate	9.50	163	1151009	49.26	ng	#	92
50) 2,6-Dinitrotoluene	9.56	165	233589	45.44	ng		93
51) Acenaphthene	9.80	154	867726	41.08	ng		98
52) 3-Nitroaniline	9.72	138	126775	23.60	ng		94
53) 2,4-Dinitrophenol	9.84	184	71303	28.11	ng	#	83
54) Dibenzofuran	9.97	168	1131373	44.88	ng		98
55) 4-Nitrophenol	9.90	139	322667	81.77	ng	#	82
56) 2,4-Dinitrotoluene	9.96	165	297729	44.58	ng		95
57) Fluorene	10.32	166	861017	40.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	210087	42.91	ng	#	90
59) Diethylphthalate	10.20	149	975096	42.63	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	374034	38.99	ng		92
61) 4-Nitroaniline	10.34	138	219531	43.17	ng		91
62) Azobenzene	10.46	77	977045	44.63	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	92510m	26.00	ng		
65) n-Nitrosodiphenylamine	10.43	169	820737	46.47	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	263637	42.97	ng	#	91
67) Hexachlorobenzene	10.85	284	246408	36.92	ng	#	80
68) Atrazine	10.96	200	232424	43.92	ng		99
69) Pentachlorophenol	11.06	266	228458	70.86	ng		99
70) Phenanthrene	11.26	178	1395797	46.34	ng		97
71) Anthracene	11.32	178	1322444	43.18	ng		100
72) Carbazole	11.48	167	1116478	42.30	ng		98
73) Di-n-butylphthalate	11.81	149	1310582	40.83	ng	#	96
74) Fluoranthene	12.45	202	1282348	43.06	ng		96
76) Benzidine	12.58	184	219052	18.29	ng		99
77) Pyrene	12.68	202	1287287	54.19	ng		100
79) Butylbenzylphthalate	13.31	149	514761	50.73	ng	#	90
80) Benzo(a)anthracene	13.86	228	876812	44.66	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	159836	23.14	ng	#	98
82) Chrysene	13.91	228	866672	44.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	641256	48.72	ng	#	98
84) Di-n-octyl phthalate	14.48	149	1006743	48.41	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.58	276	830528	48.55	ng		99
87) Benzo(b)fluoranthene	14.88	252	913335m	40.47	ng		
88) Benzo(k)fluoranthene	14.90	252	654477m	35.11	ng		
89) Benzo(a)pyrene	15.21	252	755906	38.72	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	696669	39.60	ng	#	94
91) Benzo(g,h,i)perylene	16.97	276	710778	40.02	ng		99

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

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