Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084669.D
Acq On : 30 Jan 2016 7:28
Operator : SJ/IZ
Sample : H1272-09MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(20-23)MS

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:44 PM

Quant Time: Feb 01 00:57:57 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	173205	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	686875	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	326790	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	595906	20.00	ng		0.00
75) Chrysene-d12	13.87	240	413062	20.00	ng		0.00
86) Perylene-d12	15.25	264	334112	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1125268	98.07	ng		0.01
7) Phenol-d6	6.37	99	1362375	99.06	ng		0.00
23) Nitrobenzene-d5	7.30	82	925244	75.28	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	393645	114.93	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1462568	66.52	ng		0.00
78) Terphenyl-d14	12.83	244	1280078	69.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	155401	29.04	ng	#	74
3) Pyridine	2.97	79	421535	29.57	ng	#	77
4) n-Nitrosodimethylamine	2.92	42	245558	35.23	ng		81
6) Aniline	6.38	93	413023	23.40	ng	#	19
8) 2-Chlorophenol	6.51	128	477603	37.53	ng		94
9) Benzaldehyde	6.27	77	24380	3.06	ng		94
10) Phenol	6.38	94	506809	33.07	ng		79
11) bis(2-Chloroethyl)ether	6.46	93	426657m	35.79	ng		
12) 1,3-Dichlorobenzene	6.66	146	459781m	33.72	ng		
13) 1,4-Dichlorobenzene	6.74	146	473138	35.35	ng		95
14) 1,2-Dichlorobenzene	6.90	146	454700	36.90	ng		95
15) Benzyl Alcohol	6.88	79	390795	41.75	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	714785	35.03	ng		86
17) 2-Methylphenol	7.00	107	369762	37.48	ng		93
18) Hexachloroethane	7.24	117	183587	35.07	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	338563	40.30	ng	#	79
20) 3+4-Methylphenols	7.15	107	452704	37.81	ng	#	82
22) Acetophenone	7.14	105	644900	35.95	ng		99
24) Nitrobenzene	7.31	77	470231	36.00	ng		94
25) Isophorone	7.55	82	859986	37.35	ng		97
26) 2-Nitrophenol	7.63	139	254630	40.99	ng	#	87
27) 2,4-Dimethylphenol	7.68	122	398605	36.62	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	525925	38.06	ng		99
29) 2,4-Dichlorophenol	7.88	162	376908	39.59	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	378131	34.73	ng		97
31) Naphthalene	8.03	128	1233225	35.57	ng		99
32) Benzoic acid	7.76	122	39578	4.74	ng		94
33) 4-Chloroaniline	8.09	127	213536	15.14	ng		94
34) Hexachlorobutadiene	8.16	225	233871	36.35	ng		96
35) Caprolactam	8.45	113	119874m	43.87	ng		
36) 4-Chloro-3-methylphenol	8.58	107	403426	38.48	ng		94
37) 2-Methylnaphthalene	8.73	142	918433	43.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	336866	31.79	ng		98
40) Hexachlorocyclopentadiene	8.88	237	351097	72.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	252050	38.29	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	263019	38.70	ng		94
45) 1,1'-Biphenyl	9.18	154	1020794	34.08	ng		97
46) 2-Chloronaphthalene	9.21	162	747481	34.21	ng		96
47) 2-Nitroaniline	9.31	65	242530	36.96	ng		97
48) Acenaphthylene	9.63	152	1205662	36.42	ng		99
49) Dimethylphthalate	9.49	163	1073669	43.78	ng	#	89
50) 2,6-Dinitrotoluene	9.56	165	216478	40.11	ng		95
51) Acenaphthene	9.80	154	840458	37.91	ng		97
52) 3-Nitroaniline	9.72	138	147117	26.09	ng		92
53) 2,4-Dinitrophenol	9.84	184	128917	48.41	ng	#	79
54) Dibenzofuran	9.97	168	1073746	40.58	ng		98
55) 4-Nitrophenol	9.90	139	361109	87.18	ng		87
56) 2,4-Dinitrotoluene	9.96	165	294341	41.98	ng		92
57) Fluorene	10.30	166	806925	35.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	211828	41.22	ng		94
59) Diethylphthalate	10.20	149	903064	37.61	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	377260	37.47	ng		98
61) 4-Nitroaniline	10.34	138	230153	43.12	ng		91
62) Azobenzene	10.46	77	978947	42.60	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	135509	34.82	ng	#	60
65) n-Nitrosodiphenylamine	10.43	169	787740	40.77	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	258791	38.56	ng		96
67) Hexachlorobenzene	10.85	284	261621	35.84	ng	#	87
68) Atrazine	10.96	200	215974	37.31	ng		98
69) Pentachlorophenol	11.06	266	275897	78.23	ng		97
70) Phenanthrene	11.26	178	1216201	36.91	ng		97
71) Anthracene	11.32	178	1335383	39.86	ng		100
72) Carbazole	11.48	167	1138045	39.41	ng		97
73) Di-n-butylphthalate	11.81	149	1302210	37.08	ng	#	96
74) Fluoranthene	12.45	202	1366725	41.95	ng		94
76) Benzidine	12.58	184	501910	31.95	ng		99
77) Pyrene	12.67	202	1299692	41.72	ng		99
79) Butylbenzylphthalate	13.31	149	563209	42.32	ng	#	85
80) Benzo(a)anthracene	13.86	228	960523	37.30	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	192320	21.23	ng	#	95
82) Chrysene	13.89	228	882959	34.79	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	724794	41.98	ng	#	97
84) Di-n-octyl phthalate	14.48	149	1076789	39.47	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	786076	35.03	ng		99
87) Benzo(b)fluoranthene	14.88	252	943784m	43.62	ng		
88) Benzo(k)fluoranthene	14.90	252	614971m	34.41	ng		
89) Benzo(a)pyrene	15.20	252	725413	38.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	651094	38.60	ng	#	96
91) Benzo(g,h,i)perylene	16.96	276	686551	40.32	ng		99

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

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