Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084294.D
Acq On : 6 Jan 2016 17:25
Operator : SJ/UM
Sample : H1010-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEP-MW-43MS

Manual Integrations APPROVED
umangi
1/7/2016 12:04:00 PM

Quant Time: Jan 07 01:26:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280937	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1175014	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	560523	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	985834	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	763815	20.00	ng		-0.03
86) Perylene-d12	15.46	264	624938	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1111717	64.01	ng		-0.02
7) Phenol-d6	6.51	99	943201	43.24	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1969528	93.29	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	685908	121.21	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	3279412	104.36	ng		-0.02
78) Terphenyl-d14	12.98	244	2438597	71.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	119381	14.51	ng	#	73
3) Pyridine	3.24	79	293804	12.81	ng	#	62
4) n-Nitrosodimethylamine	3.16	42	190369	16.17	ng		83
6) Aniline	6.56	93	570551	17.88	ng	#	80
8) 2-Chlorophenol	6.66	128	766831	38.91	ng		98
9) Benzaldehyde	6.41	77	287158	20.22	ng		95
10) Phenol	6.52	94	405600	16.35	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	841590	43.80	ng	#	80
12) 1,3-Dichlorobenzene	6.81	146	821530	40.41	ng	#	94
13) 1,4-Dichlorobenzene	6.89	146	855967	41.99	ng		95
14) 1,2-Dichlorobenzene	7.04	146	718181	36.79	ng		94
15) Benzyl Alcohol	7.01	79	478496	26.08	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1410804	40.32	ng		87
17) 2-Methylphenol	7.14	107	511450	30.97	ng	#	94
18) Hexachloroethane	7.38	117	313389	38.44	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	670781	45.43	ng	#	68
20) 3+4-Methylphenols	7.29	107	490626	25.27	ng	#	51
22) Acetophenone	7.29	105	1274824	45.12	ng	#	95
24) Nitrobenzene	7.46	77	1021569	47.71	ng		97
25) Isophorone	7.70	82	1782525	44.15	ng		99
26) 2-Nitrophenol	7.77	139	453752	46.56	ng	#	75
27) 2,4-Dimethylphenol	7.82	122	734946	37.26	ng		87
28) bis(2-Chloroethoxy)methane	7.92	93	1164793	47.23	ng		96
29) 2,4-Dichlorophenol	8.02	162	684715	41.67	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	754739	44.49	ng		96
31) Naphthalene	8.18	128	2235086	41.93	ng		97
32) Benzoic acid	7.89	122	139918	15.84	ng		92
33) 4-Chloroaniline	8.22	127	320391	13.11	ng		97
34) Hexachlorobutadiene	8.29	225	396171	40.63	ng		97
35) Caprolactam	8.61	113	33561	6.06	ng	#	77
36) 4-Chloro-3-methylphenol	8.72	107	746863	40.58	ng		96
37) 2-Methylnaphthalene	8.86	142	1639991	42.85	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	670443	41.61	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	760522	78.18	ng		98

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Quant Time: Jan 07 01:26:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	519377	43.08	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	504046	43.61	ng	#	92
45) 1,1'-Biphenyl	9.33	154	1754475	39.38	ng		99
46) 2-Chloronaphthalene	9.36	162	1427094	40.78	ng		97
47) 2-Nitroaniline	9.46	65	574335	49.73	ng		93
48) Acenaphthylene	9.78	152	2398343	46.39	ng		97
49) Dimethylphthalate	9.64	163	1649192	41.16	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	362669	41.26	ng	#	46
51) Acenaphthene	9.95	154	1799430	51.89	ng		97
52) 3-Nitroaniline	9.87	138	241202	22.15	ng	#	83
53) 2,4-Dinitrophenol	9.97	184	368664	97.65	ng	#	80
54) Dibenzofuran	10.12	168	2142134	47.89	ng		94
55) 4-Nitrophenol	10.04	139	265273	33.56	ng		87
56) 2,4-Dinitrotoluene	10.10	165	515548	46.35	ng	#	81
57) Fluorene	10.46	166	1654951	47.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	414334	41.99	ng		94
59) Diethylphthalate	10.34	149	1688694	42.74	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	721283	50.12	ng		95
61) 4-Nitroaniline	10.49	138	386223	39.78	ng		95
62) Azobenzene	10.61	77	1918139	44.26	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	294472	49.46	ng		86
65) n-Nitrosodiphenylamine	10.58	169	1515268	48.07	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	507108	47.79	ng	#	90
67) Hexachlorobenzene	11.00	284	500518	41.91	ng	#	78
68) Atrazine	11.10	200	432300	41.91	ng		97
69) Pentachlorophenol	11.21	266	574191	92.72	ng		99
70) Phenanthrene	11.42	178	2519672	48.86	ng		95
71) Anthracene	11.47	178	2162352	42.78	ng		97
72) Carbazole	11.63	167	2194815	44.41	ng		98
73) Di-n-butylphthalate	11.96	149	2547396	49.82	ng	#	95
74) Fluoranthene	12.60	202	2286859	42.45	ng		97
76) Benzidine	12.73	184	156240	5.70	ng		99
77) Pyrene	12.83	202	2358802	39.35	ng		97
79) Butylbenzylphthalate	13.46	149	1222784	47.14	ng		97
80) Benzo(a)anthracene	14.02	228	1847449	41.19	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	316579	20.23	ng	#	98
82) Chrysene	14.05	228	1831421	42.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1482268	45.23	ng	#	96
84) Di-n-octyl phthalate	14.63	149	2368035	42.80	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1701939	49.82	ng		100
87) Benzo(b)fluoranthene	15.05	252	1661633m	40.65	ng		
88) Benzo(k)fluoranthene	15.08	252	1714352m	51.28	ng		
89) Benzo(a)pyrene	15.40	252	1571301	45.32	ng	#	97
90) Dibenzo(a,h)anthracene	16.89	278	1384917	46.42	ng	#	95
91) Benzo(g,h,i)perylene	17.29	276	1455541	47.11	ng		99

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

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