Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
Data File : BF084607.D
Acq On : 25 Jan 2016 15:13
Operator : SJ/IZ
Sample : H1201-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:22 AM

Quant Time: Jan 25 16:52:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	205882	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	841619	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	411361	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	662353	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	500336	20.00	ng		0.00
86) Perylene-d12	15.28	264	492079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1023874	80.44	ng		0.01
7) Phenol-d6	6.38	99	779521	48.76	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1413806	93.49	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	579747	139.60	ng		0.01
44) 2-Fluorobiphenyl	9.10	172	2350114	101.75	ng		0.00
78) Terphenyl-d14	12.85	244	2212887	98.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	124061	20.57	ng	#	77
3) Pyridine	3.01	79	203162	12.08	ng	#	68
4) n-Nitrosodimethylamine	2.94	42	165898	19.22	ng	#	72
6) Aniline	6.40	93	348578	14.91	ng	#	30
8) 2-Chlorophenol	6.52	128	586433	40.61	ng		88
9) Benzaldehyde	6.28	77	54791	5.26	ng		94
10) Phenol	6.40	94	318028	17.50	ng		79
11) bis(2-Chloroethyl)ether	6.48	93	612921	43.53	ng	#	81
12) 1,3-Dichlorobenzene	6.67	146	646836	43.42	ng	#	90
13) 1,4-Dichlorobenzene	6.75	146	642049	42.98	ng		98
14) 1,2-Dichlorobenzene	6.91	146	657162	45.93	ng		99
15) Benzyl Alcohol	6.89	79	405530	30.16	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1061879	41.41	ng		92
17) 2-Methylphenol	7.01	107	431314	35.64	ng	#	90
18) Hexachloroethane	7.25	117	271229	45.40	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	525354	48.55	ng	#	72
20) 3+4-Methylphenols	7.16	107	472340	33.20	ng	#	44
22) Acetophenone	7.15	105	1024222	50.61	ng	#	98
24) Nitrobenzene	7.33	77	817260	53.29	ng		90
25) Isophorone	7.57	82	1438864	49.75	ng		98
26) 2-Nitrophenol	7.64	139	352510	50.50	ng	#	79
27) 2,4-Dimethylphenol	7.70	122	654746	46.34	ng		91
28) bis(2-Chloroethoxy)methane	7.79	93	924102	52.31	ng		97
29) 2,4-Dichlorophenol	7.89	162	594843	50.54	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	607903	50.03	ng	#	94
31) Naphthalene	8.05	128	1991019	52.14	ng		100
32) Benzoic acid	7.80	122	174759	22.97	ng		99
33) 4-Chloroaniline	8.10	127	189044	10.80	ng		97
34) Hexachlorobutadiene	8.17	225	340563	48.76	ng		99
35) Caprolactam	8.49	113	23690	5.97	ng	#	42
36) 4-Chloro-3-methylphenol	8.59	107	627514	47.60	ng		95
37) 2-Methylnaphthalene	8.74	142	1300763	47.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	611212	51.68	ng		98
40) Hexachlorocyclopentadiene	8.90	237	574274	80.44	ng		98

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Quant Time: Jan 25 16:52:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	455880	51.53	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	404879	47.74	ng	#	91
45) 1,1'-Biphenyl	9.21	154	1667674	51.01	ng		98
46) 2-Chloronaphthalene	9.23	162	1293954	50.39	ng		93
47) 2-Nitroaniline	9.33	65	501264	59.14	ng		87
48) Acenaphthylene	9.64	152	1820433	47.98	ng		96
49) Dimethylphthalate	9.52	163	1489653	50.65	ng	#	89
50) 2,6-Dinitrotoluene	9.57	165	319491	49.53	ng	#	47
51) Acenaphthene	9.81	154	1220922	47.97	ng		98
52) 3-Nitroaniline	9.74	138	160379	20.07	ng	#	73
53) 2,4-Dinitrophenol	9.86	184	439470	156.39	ng	#	74
54) Dibenzofuran	9.98	168	1587020	48.37	ng		90
55) 4-Nitrophenol	9.92	139	238959	41.19	ng	#	78
56) 2,4-Dinitrotoluene	9.98	165	508661	62.31	ng		88
57) Fluorene	10.33	166	1279478	50.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	399739	55.20	ng		89
59) Diethylphthalate	10.21	149	1511516	52.13	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	662779	65.18	ng	#	85
61) 4-Nitroaniline	10.36	138	299979	42.11	ng		97
62) Azobenzene	10.49	77	1368897	43.04	ng		91
64) 4,6-Dinitro-2-methylphenol	10.38	198	216178	54.76	ng	#	64
65) n-Nitrosodiphenylamine	10.44	169	1032885	48.77	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	340335	47.74	ng	#	72
67) Hexachlorobenzene	10.88	284	444494	55.40	ng		94
68) Atrazine	10.98	200	345124	49.80	ng		96
69) Pentachlorophenol	11.07	266	404171	97.14	ng		98
70) Phenanthrene	11.29	178	1972229	56.92	ng		96
71) Anthracene	11.33	178	1724829	50.79	ng		98
72) Carbazole	11.49	167	1520161	45.78	ng		98
73) Di-n-butylphthalate	11.84	149	2128186	68.40	ng	#	98
74) Fluoranthene	12.46	202	1664662	45.99	ng		99
76) Benzidine	12.59	184	324603	18.09	ng		98
77) Pyrene	12.69	202	1664100	42.38	ng		97
79) Butylbenzylphthalate	13.32	149	787205	46.33	ng		87
80) Benzo(a)anthracene	13.88	228	1512040	51.47	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	264555	25.80	ng	#	96
82) Chrysene	13.92	228	1314110	46.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1087344	50.66	ng		100
84) Di-n-octyl phthalate	14.50	149	1917280	52.91	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.60	276	1400885	62.60	ng		99
87) Benzo(b)fluoranthene	14.90	252	1884990m	58.56	ng		
88) Benzo(k)fluoranthene	14.92	252	1165052m	44.26	ng		
89) Benzo(a)pyrene	15.23	252	1493014	54.68	ng		97
90) Dibenzo(a,h)anthracene	16.61	278	1173305	49.94	ng		98
91) Benzo(g,h,i)perylene	17.00	276	1171524	48.15	ng		97

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

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