Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091857.D
Acq On : 22 Dec 2016 2:07
Operator : UM/SJ
Sample : H6156-03MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101MS

Manual Integrations APPROVED
sohil
12/22/2016 7:09:06 PM

Quant Time: Dec 22 14:57:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 14:53:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	313599	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1302625	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	692164	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	1036563	20.00	ng		0.00
75) Chrysene-d12	13.91	240	720191	20.00	ng		0.00
86) Perylene-d12	15.30	264	607018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1429233	76.10	ng		0.01
7) Phenol-d6	6.40	99	1133382	49.43	ng		-0.01
23) Nitrobenzene-d5	7.32	82	2303649	98.34	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	683246	119.28	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3237550	97.78	ng		0.00
78) Terphenyl-d14	12.85	244	2396449	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	212123	22.94	ng		96
3) Pyridine	3.05	79	428866	13.29	ng		95
4) n-Nitrosodimethylamine	2.98	42	251981	20.70	ng		99
6) Aniline	6.41	93	794191	26.67	ng	#	77
8) 2-Chlorophenol	6.53	128	883982	41.38	ng		95
9) Benzaldehyde	6.29	77	131018	7.61	ng		95
10) Phenol	6.41	94	525406	20.11	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	1109354	53.36	ng		99
12) 1,3-Dichlorobenzene	6.68	146	1053457	46.19	ng	#	90
13) 1,4-Dichlorobenzene	6.76	146	1032305	44.47	ng		99
14) 1,2-Dichlorobenzene	6.92	146	1017567	50.52	ng		99
15) Benzyl Alcohol	6.90	79	591011	33.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1624063	52.46	ng		92
17) 2-Methylphenol	7.02	107	708407	41.23	ng		97
18) Hexachloroethane	7.26	117	423807	49.24	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	831695	54.52	ng		98
20) 3+4-Methylphenols	7.17	107	721157	35.19	ng		90
22) Acetophenone	7.16	105	1660281	51.67	ng		94
24) Nitrobenzene	7.33	77	1276738	51.17	ng		99
25) Isophorone	7.58	82	2449157	56.67	ng		99
26) 2-Nitrophenol	7.65	139	610197	49.59	ng		98
27) 2,4-Dimethylphenol	7.70	122	992244	48.62	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	1490860	56.88	ng		100
29) 2,4-Dichlorophenol	7.90	162	923336	53.43	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	964452	50.93	ng		99
31) Naphthalene	8.05	128	3167484	53.13	ng		100
32) Benzoic acid	7.80	122	245050	16.19	ng		97
33) 4-Chloroaniline	8.11	127	735346	27.35	ng		99
34) Hexachlorobutadiene	8.18	225	480447	48.06	ng		99
35) Caprolactam	8.50	113	49427m	8.70	ng		
36) 4-Chloro-3-methylphenol	8.60	107	929701	46.75	ng		96
37) 2-Methylnaphthalene	8.75	142	2008575	68.08	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	864458	49.43	ng		99
40) Hexachlorocyclopentadiene	8.91	237	730435	93.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	629442m	51.47	ng		
43) 2,4,5-Trichlorophenol	9.08	196	610847m	48.53	ng		
45) 1,1'-Biphenyl	9.22	154	2578564	54.41	ng		99
46) 2-Chloronaphthalene	9.24	162	1933000	51.50	ng		98
47) 2-Nitroaniline	9.33	65	696706	52.14	ng		97
48) Acenaphthylene	9.65	152	2812584	48.73	ng		99
49) Dimethylphthalate	9.53	163	2195360	49.59	ng		99
50) 2,6-Dinitrotoluene	9.58	165	487543	50.32	ng	#	80
51) Acenaphthene	9.82	154	1994704	50.97	ng		99
52) 3-Nitroaniline	9.74	138	268370	22.38	ng		97
53) 2,4-Dinitrophenol	9.86	184	494555	91.73	ng	#	65
54) Dibenzofuran	10.00	168	2345491	44.38	ng		100
55) 4-Nitrophenol	9.93	139	361429	44.39	ng		86
56) 2,4-Dinitrotoluene	9.98	165	552661	45.44	ng	#	84
57) Fluorene	10.34	166	1867630	48.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	499494	50.18	ng		98
59) Diethylphthalate	10.22	149	2135860	49.68	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	744084	44.20	ng		97
61) 4-Nitroaniline	10.36	138	538923	43.37	ng		95
62) Azobenzene	10.49	77	2362774	49.92	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	343879	54.86	ng	#	65
65) n-Nitrosodiphenylamine	10.45	169	1640312	53.33	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	567750	52.65	ng		94
67) Hexachlorobenzene	10.89	284	617325	53.56	ng		96
68) Atrazine	10.99	200	542643	54.69	ng		95
69) Pentachlorophenol	11.08	266	569185	100.65	ng		98
70) Phenanthrene	11.30	178	2889362	51.41	ng		100
71) Anthracene	11.34	178	2535246	55.06	ng		99
72) Carbazole	11.50	167	2535935	48.70	ng		99
73) Di-n-butylphthalate	11.84	149	2802095	53.38	ng		100
74) Fluoranthene	12.48	202	2431902	49.72	ng		100
76) Benzidine	12.60	184	158727	5.39	ng		97
77) Pyrene	12.70	202	2526989	47.82	ng		99
79) Butylbenzylphthalate	13.33	149	1312493	54.61	ng		87
80) Benzo(a)anthracene	13.89	228	1884067	46.35	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	494547	32.08	ng	#	96
82) Chrysene	13.93	228	1889933	46.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1421665	50.23	ng	#	96
84) Di-n-octyl phthalate	14.50	149	2637184	50.30	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1961327	55.52	ng		97
87) Benzo(b)fluoranthene	14.91	252	2267869m	60.01	ng		
88) Benzo(k)fluoranthene	14.93	252	1365601m	42.37	ng		
89) Benzo(a)pyrene	15.24	252	1725092	51.43	ng		100
90) Dibenzo(a,h)anthracene	16.66	278	1592786	57.77	ng		96
91) Benzo(g,h,i)perylene	17.04	276	1705979	59.51	ng	#	92

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

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