Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091574.D
Acq On : 14 Dec 2016 2:25
Operator : UM/SJ
Sample : H5922-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC120716MS

Manual Integrations APPROVED
sohil
12/14/2016 6:23:07 PM

Quant Time: Dec 14 04:30:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	309440	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1216015	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	572855	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	854646	20.00	ng		0.00
75) Chrysene-d12	13.96	240	508988	20.00	ng		0.00
86) Perylene-d12	15.38	264	626043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1861651	101.36	ng		0.02
7) Phenol-d6	6.46	99	2222462	97.06	ng		0.01
23) Nitrobenzene-d5	7.38	82	1389378	63.77	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	630654	132.54	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2402091	72.45	ng		0.00
78) Terphenyl-d14	12.92	244	2258301	100.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	270686	27.92	ng	#	70
3) Pyridine	3.21	79	760101	29.43	ng	#	84
4) n-Nitrosodimethylamine	3.15	42	354838	31.98	ng	#	58
6) Aniline	6.48	93	439403	14.64	ng	#	40
8) 2-Chlorophenol	6.60	128	706585	34.08	ng		94
9) Benzaldehyde	6.36	77	98487m	6.25	ng		
10) Phenol	6.48	94	795334	29.71	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	757432	37.66	ng		85
12) 1,3-Dichlorobenzene	6.75	146	681649m	30.32	ng		
13) 1,4-Dichlorobenzene	6.83	146	711765	32.10	ng		97
14) 1,2-Dichlorobenzene	6.99	146	683589m	34.21	ng		
15) Benzyl Alcohol	6.96	79	605783	33.51	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1069970	34.33	ng		82
17) 2-Methylphenol	7.08	107	592994	34.57	ng	#	76
18) Hexachloroethane	7.33	117	260194	30.07	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	483052	33.74	ng	#	83
20) 3+4-Methylphenols	7.23	107	687592	36.53	ng	#	56
22) Acetophenone	7.23	105	1014518	34.82	ng		97
24) Nitrobenzene	7.40	77	850279	36.94	ng	#	82
25) Isophorone	7.64	82	1468216	37.91	ng		99
26) 2-Nitrophenol	7.72	139	374017	36.81	ng	#	64
27) 2,4-Dimethylphenol	7.77	122	641400	35.94	ng		90
28) bis(2-Chloroethoxy)methane	7.86	93	897682	39.51	ng	#	98
29) 2,4-Dichlorophenol	7.96	162	581190	37.43	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	590582	33.47	ng		99
31) Naphthalene	8.12	128	1950093	34.47	ng		99
32) Benzoic acid	7.88	122	418825	34.27	ng		91
33) 4-Chloroaniline	8.17	127	204114	8.37	ng		97
34) Hexachlorobutadiene	8.25	225	335141	33.13	ng		99
35) Caprolactam	8.54	113	202138m	44.58	ng		
36) 4-Chloro-3-methylphenol	8.67	107	676673	38.86	ng	#	82
37) 2-Methylnaphthalene	8.82	142	1310658	35.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	529019	33.67	ng		98
40) Hexachlorocyclopentadiene	8.97	237	403674	57.63	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	406225	40.24	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	418438	40.33	ng	#	86
45) 1,1'-Biphenyl	9.28	154	1533175	36.95	ng		98
46) 2-Chloronaphthalene	9.30	162	1171323	36.46	ng		99
47) 2-Nitroaniline	9.40	65	454847	42.10	ng	#	81
48) Acenaphthylene	9.71	152	1898030	38.75	ng		99
49) Dimethylphthalate	9.58	163	1679812	46.31	ng		99
50) 2,6-Dinitrotoluene	9.64	165	374704	47.07	ng	#	82
51) Acenaphthene	9.88	154	1283713	37.74	ng		97
52) 3-Nitroaniline	9.80	138	154862	16.56	ng		94
53) 2,4-Dinitrophenol	9.92	184	237101	57.94	ng	#	75
54) Dibenzofuran	10.06	168	1746167	41.49	ng		90
55) 4-Nitrophenol	9.98	139	599515	86.16	ng	#	64
56) 2,4-Dinitrotoluene	10.04	165	463197	46.42	ng	#	68
57) Fluorene	10.40	166	1241081	40.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	366375	45.11	ng		94
59) Diethylphthalate	10.28	149	1600667	45.83	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	635503	41.99	ng	#	91
61) 4-Nitroaniline	10.42	138	322113	34.66	ng		95
62) Azobenzene	10.56	77	1791454	45.26	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	175930	34.76	ng	#	33
65) n-Nitrosodiphenylamine	10.51	169	1207964	47.41	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	412437	47.07	ng	#	76
67) Hexachlorobenzene	10.94	284	400983	44.01	ng	#	76
68) Atrazine	11.05	200	436445	53.27	ng		95
69) Pentachlorophenol	11.14	266	424348	82.76	ng		96
70) Phenanthrene	11.36	178	1863809	44.04	ng		99
71) Anthracene	11.41	178	2115317	46.34	ng		100
72) Carbazole	11.56	167	1642042	41.04	ng		99
73) Di-n-butylphthalate	11.90	149	2361252	50.65	ng		99
74) Fluoranthene	12.54	202	1857741	41.92	ng		99
76) Benzidine	12.66	184	545852	34.68	ng		98
77) Pyrene	12.77	202	1896911	46.98	ng		99
79) Butylbenzylphthalate	13.39	149	824164	52.36	ng		91
80) Benzo(a)anthracene	13.95	228	1398481	47.31	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	312411	29.43	ng	#	98
82) Chrysene	14.00	228	1452220	46.96	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1034429	51.22	ng	#	99
84) Di-n-octyl phthalate	14.57	149	1945176	56.75	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1882475	67.64	ng		98
87) Benzo(b)fluoranthene	14.98	252	1707940m	45.76	ng		
88) Benzo(k)fluoranthene	15.00	252	1393143m	42.46	ng		
89) Benzo(a)pyrene	15.32	252	1565494	46.56	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	1522235	50.54	ng		97
91) Benzo(g,h,i)perylene	17.17	276	1565761	51.08	ng		97

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

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