Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091575.D
Acq On : 14 Dec 2016 2:53
Operator : UM/SJ
Sample : H5922-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC120716MSD

Manual Integrations APPROVED
sohil
12/14/2016 6:23:04 PM

Quant Time: Dec 14 04:31:23 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	309511	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1198667	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	576889	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	822165	20.00	ng		0.00
75) Chrysene-d12	13.96	240	514919	20.00	ng		0.00
86) Perylene-d12	15.38	264	629375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2016849	109.78	ng		0.02
7) Phenol-d6	6.46	99	2502504	109.26	ng		0.01
23) Nitrobenzene-d5	7.38	82	1701970	79.25	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	611530	127.63	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2754217	82.49	ng		0.00
78) Terphenyl-d14	12.92	244	2166359	95.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	293840	30.31	ng	#	70
3) Pyridine	3.23	79	666697	25.81	ng	#	78
4) n-Nitrosodimethylamine	3.16	42	399506	35.99	ng	#	60
6) Aniline	6.48	93	490141	16.32	ng	#	1
8) 2-Chlorophenol	6.60	128	780669	37.65	ng		88
9) Benzaldehyde	6.36	77	114180m	7.24	ng		
10) Phenol	6.48	94	1027128	38.36	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	847352	42.12	ng		88
12) 1,3-Dichlorobenzene	6.75	146	798930m	35.53	ng		
13) 1,4-Dichlorobenzene	6.83	146	807198	36.39	ng		97
14) 1,2-Dichlorobenzene	6.99	146	800963	40.07	ng		94
15) Benzyl Alcohol	6.97	79	714766	39.53	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1226211	39.33	ng		82
17) 2-Methylphenol	7.08	107	660354	38.49	ng	#	75
18) Hexachloroethane	7.33	117	309422	35.75	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	588364	41.08	ng	#	68
20) 3+4-Methylphenols	7.23	107	766066	41.07	ng	#	50
22) Acetophenone	7.23	105	1161031	40.43	ng	#	97
24) Nitrobenzene	7.40	77	978649	43.13	ng	#	84
25) Isophorone	7.64	82	1636274	42.86	ng		99
26) 2-Nitrophenol	7.72	139	432944	43.23	ng	#	66
27) 2,4-Dimethylphenol	7.77	122	753433	42.83	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	1047770	46.79	ng		98
29) 2,4-Dichlorophenol	7.96	162	640947	41.88	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	673919	38.75	ng		99
31) Naphthalene	8.12	128	2177373	39.04	ng		99
32) Benzoic acid	7.88	122	426987	35.27	ng		92
33) 4-Chloroaniline	8.17	127	219095	9.12	ng		99
34) Hexachlorobutadiene	8.25	225	394193	39.53	ng		98
35) Caprolactam	8.53	113	182489m	40.83	ng		
36) 4-Chloro-3-methylphenol	8.67	107	699900	40.78	ng	#	82
37) 2-Methylnaphthalene	8.82	142	1497247	41.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589004	37.23	ng		98
40) Hexachlorocyclopentadiene	8.97	237	479162	67.92	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	424579	41.76	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	434387	41.58	ng	#	88
45) 1,1'-Biphenyl	9.28	154	1673398	40.05	ng		98
46) 2-Chloronaphthalene	9.30	162	1259841	38.94	ng		99
47) 2-Nitroaniline	9.40	65	456884	41.99	ng		82
48) Acenaphthylene	9.71	152	1999002	40.53	ng		99
49) Dimethylphthalate	9.58	163	1684563	46.12	ng		99
50) 2,6-Dinitrotoluene	9.64	165	371585	46.35	ng	#	81
51) Acenaphthene	9.88	154	1377734	40.22	ng		98
52) 3-Nitroaniline	9.80	138	178351	18.94	ng		89
53) 2,4-Dinitrophenol	9.92	184	246362	59.25	ng	#	76
54) Dibenzofuran	10.05	168	1824226	43.04	ng		99
55) 4-Nitrophenol	9.98	139	512437	73.13	ng	#	54
56) 2,4-Dinitrotoluene	10.04	165	452384	45.02	ng	#	73
57) Fluorene	10.40	166	1243899	40.58	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	352956	43.15	ng		94
59) Diethylphthalate	10.28	149	1562572	44.42	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	642093	42.13	ng	#	90
61) 4-Nitroaniline	10.42	138	317867	33.96	ng		96
62) Azobenzene	10.56	77	1767511	44.35	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	168575	34.63	ng	#	34
65) n-Nitrosodiphenylamine	10.51	169	1147331	46.81	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	412256	48.91	ng	#	79
67) Hexachlorobenzene	10.94	284	380859	43.45	ng	#	76
68) Atrazine	11.05	200	395811	50.22	ng		94
69) Pentachlorophenol	11.14	266	398166	80.72	ng		94
70) Phenanthrene	11.36	178	1754980	43.10	ng		99
71) Anthracene	11.41	178	2002561	45.60	ng		99
72) Carbazole	11.56	167	1539084	39.98	ng		99
73) Di-n-butylphthalate	11.90	149	2182090	48.66	ng		99
74) Fluoranthene	12.54	202	1778427	41.72	ng		99
76) Benzidine	12.66	184	427342	26.84	ng		97
77) Pyrene	12.77	202	1741546	42.63	ng		99
79) Butylbenzylphthalate	13.39	149	746289	46.86	ng		90
80) Benzo(a)anthracene	13.95	228	1328070	44.41	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	395131	36.80	ng	#	96
82) Chrysene	14.00	228	1331823	42.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	963913	47.18	ng		98
84) Di-n-octyl phthalate	14.57	149	1812644	52.27	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1766646	62.75	ng		99
87) Benzo(b)fluoranthene	14.98	252	1612527m	42.98	ng		
88) Benzo(k)fluoranthene	15.00	252	1299086m	39.38	ng		
89) Benzo(a)pyrene	15.32	252	1497059	44.29	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	1451481	47.94	ng		99
91) Benzo(g,h,i)perylene	17.17	276	1488227	48.29	ng		98

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

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