Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091554.D
Acq On : 13 Dec 2016 15:22
Operator : UM/SJ
Sample : H5940-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS08-0-2INMSD

Manual Integrations APPROVED
sohil
12/14/2016 6:22:24 PM

Quant Time: Dec 14 00:49:06 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	312288	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1234546	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	618287	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	945139	20.00	ng		0.00
75) Chrysene-d12	13.96	240	552526	20.00	ng		0.00
86) Perylene-d12	15.38	264	608635	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2424787	130.81	ng		0.02
7) Phenol-d6	6.46	99	2797551	121.06	ng		0.01
23) Nitrobenzene-d5	7.38	82	1996525	90.26	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	649803	126.53	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2769266	77.39	ng		0.00
78) Terphenyl-d14	12.92	244	2155659	88.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	365562	37.37	ng	#	86
3) Pyridine	3.16	79	987412	37.88	ng	#	80
4) n-Nitrosodimethylamine	3.12	42	486981	43.49	ng	#	64
6) Aniline	6.48	93	385832	12.73	ng	#	1
8) 2-Chlorophenol	6.60	128	873639	41.76	ng		91
9) Benzaldehyde	6.35	77	186476	11.73	ng		94
10) Phenol	6.48	94	1200524	44.43	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	931061	45.87	ng		87
12) 1,3-Dichlorobenzene	6.75	146	943955m	41.60	ng		
13) 1,4-Dichlorobenzene	6.83	146	939735	41.99	ng		97
14) 1,2-Dichlorobenzene	6.99	146	916698	45.46	ng		94
15) Benzyl Alcohol	6.97	79	806349	44.19	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1396358	44.39	ng		82
17) 2-Methylphenol	7.08	107	751980	43.44	ng	#	76
18) Hexachloroethane	7.33	117	377534	43.23	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	698114	48.31	ng	#	75
20) 3+4-Methylphenols	7.24	107	900783	48.42	ng		86
22) Acetophenone	7.23	105	1323216	44.74	ng	#	97
24) Nitrobenzene	7.40	77	1077464	46.10	ng	#	86
25) Isophorone	7.64	82	1802195	45.83	ng		99
26) 2-Nitrophenol	7.72	139	531460	51.53	ng	#	70
27) 2,4-Dimethylphenol	7.77	122	887631	49.00	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	1220715	52.93	ng		98
29) 2,4-Dichlorophenol	7.96	162	702636	44.58	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	776502	43.35	ng		99
31) Naphthalene	8.12	128	2370783	41.27	ng		99
32) Benzoic acid	7.84	122	76203	10.16	ng		94
33) 4-Chloroaniline	8.17	127	135025	5.46	ng		98
34) Hexachlorobutadiene	8.25	225	448933	43.72	ng		98
35) Caprolactam	8.54	113	228766m	49.70	ng		
36) 4-Chloro-3-methylphenol	8.67	107	851939	48.19	ng		95
37) 2-Methylnaphthalene	8.82	142	1687600	45.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	634356	37.41	ng		98
40) Hexachlorocyclopentadiene	8.97	237	623123	82.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473913	43.49	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	462567	41.31	ng	#	84
45) 1,1'-Biphenyl	9.28	154	1828329	40.83	ng		99
46) 2-Chloronaphthalene	9.30	162	1384177	39.91	ng		98
47) 2-Nitroaniline	9.40	65	548131	47.00	ng		93
48) Acenaphthylene	9.72	152	2296345	43.44	ng		99
49) Dimethylphthalate	9.58	163	2491522	63.64	ng		97
50) 2,6-Dinitrotoluene	9.64	165	372126	43.31	ng		93
51) Acenaphthene	9.89	154	1568590	42.72	ng		97
52) 3-Nitroaniline	9.80	138	174474	17.29	ng		89
53) 2,4-Dinitrophenol	9.92	184	251600	57.23	ng	#	74
54) Dibenzofuran	10.06	168	2080658	45.80	ng		92
55) 4-Nitrophenol	9.98	139	655267	87.25	ng	#	86
56) 2,4-Dinitrotoluene	10.04	165	494720	45.93	ng	#	66
57) Fluorene	10.40	166	1365657	41.71	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.18	232	393952	44.94	ng		92
59) Diethylphthalate	10.28	149	1626499	43.15	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	688298	42.14	ng	#	86
61) 4-Nitroaniline	10.42	138	358495	35.74	ng		92
62) Azobenzene	10.56	77	1943635	45.50	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	254052	44.49	ng	#	38
65) n-Nitrosodiphenylamine	10.51	169	1278687	45.38	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	455407	47.00	ng	#	78
67) Hexachlorobenzene	10.94	284	421908	41.87	ng	#	73
68) Atrazine	11.05	200	465945	51.43	ng		97
69) Pentachlorophenol	11.14	266	460825	81.27	ng		96
70) Phenanthrene	11.36	178	2014699	43.05	ng		98
71) Anthracene	11.41	178	2297485	45.51	ng		100
72) Carbazole	11.56	167	1789173	40.43	ng		99
73) Di-n-butylphthalate	11.90	149	2457495	47.67	ng		99
74) Fluoranthene	12.55	202	2231675	45.54	ng		100
76) Benzidine	12.66	184	307336	17.99	ng		99
77) Pyrene	12.77	202	2190921	49.98	ng		99
79) Butylbenzylphthalate	13.39	149	866677	50.72	ng		87
80) Benzo(a)anthracene	13.95	228	1435041	44.72	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	274502	23.82	ng	#	96
82) Chrysene	13.99	228	1416825	42.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1067015	48.67	ng		99
84) Di-n-octyl phthalate	14.57	149	1931772	51.91	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1703923	56.40	ng		99
87) Benzo(b)fluoranthene	14.98	252	1628419m	44.88	ng		
88) Benzo(k)fluoranthene	15.00	252	1237271m	38.78	ng		
89) Benzo(a)pyrene	15.32	252	1441749	44.11	ng	#	96
90) Dibenzo(a,h)anthracene	16.77	278	1383257	47.24	ng	#	96
91) Benzo(g,h,i)perylene	17.16	276	1478582	49.62	ng	#	95

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

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