Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090855.D
Acq On : 26 Oct 2016 22:10
Operator : UM/SJ
Sample : H5403-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AA0MSD

Manual Integrations APPROVED
sohil
10/27/2016 3:44:53 PM

Quant Time: Oct 27 02:27:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177382	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	799202	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	414832	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	690090	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	492143	20.00	ng		-0.01
86) Perylene-d12	15.37	264	385027	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1371058	135.14	ng		0.01
7) Phenol-d6	6.44	99	1658791	121.19	ng		0.00
23) Nitrobenzene-d5	7.36	82	1117024	91.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	600578	140.88	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2397509	101.49	ng		-0.01
78) Terphenyl-d14	12.91	244	2556328	130.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	210997	40.68	ng	#	78
3) Pyridine	3.17	79	373485	26.54	ng	#	72
4) n-Nitrosodimethylamine	3.10	42	207745	52.44	ng	#	64
6) Aniline	6.46	93	260802	16.68	ng	#	75
8) 2-Chlorophenol	6.58	128	566746	45.28	ng		99
9) Benzaldehyde	6.34	77	75986	10.75	ng	#	83
10) Phenol	6.45	94	654306	43.38	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	598632	47.97	ng		86
12) 1,3-Dichlorobenzene	6.73	146	569370	44.48	ng	#	94
13) 1,4-Dichlorobenzene	6.81	146	608746	45.22	ng	#	95
14) 1,2-Dichlorobenzene	6.96	146	534023m	41.38	ng		
15) Benzyl Alcohol	6.93	79	423799	47.14	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.07	45	568064	45.74	ng		45
17) 2-Methylphenol	7.06	107	457686	48.07	ng	#	83
18) Hexachloroethane	7.30	117	207878	42.43	ng	#	84
19) n-Nitroso-di-n-propylamine	7.22	70	397967	50.29	ng	#	68
20) 3+4-Methylphenols	7.21	107	541829	49.16	ng	#	51
22) Acetophenone	7.21	105	759282	46.18	ng	#	86
24) Nitrobenzene	7.38	77	712561	55.18	ng	#	73
25) Isophorone	7.62	82	1334858	53.88	ng	#	89
26) 2-Nitrophenol	7.70	139	346253	50.05	ng	#	85
27) 2,4-Dimethylphenol	7.74	122	598927	53.48	ng	#	83
28) bis(2-Chloroethoxy)methane	7.84	93	830783	58.96	ng	#	95
29) 2,4-Dichlorophenol	7.94	162	526109	50.73	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	548855	45.80	ng		97
31) Naphthalene	8.10	128	1805929	48.34	ng		97
32) Benzoic acid	7.88	122	354448	43.59	ng	#	64
33) 4-Chloroaniline	8.16	127	161690	10.71	ng	#	91
34) Hexachlorobutadiene	8.21	225	294780	41.83	ng		98
35) Caprolactam	8.53	113	144275m	44.82	ng		
36) 4-Chloro-3-methylphenol	8.65	107	571126	50.64	ng		85
37) 2-Methylnaphthalene	8.80	142	1185837	49.15	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	520320	45.72	ng		99
40) Hexachlorocyclopentadiene	8.94	237	573436	109.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	372428	50.69	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	399408	52.78	ng	#	91
45) 1,1'-Biphenyl	9.25	154	1337095	44.75	ng		92
46) 2-Chloronaphthalene	9.28	162	1076755	47.37	ng	#	91
47) 2-Nitroaniline	9.38	65	297262	46.35	ng		82
48) Acenaphthylene	9.70	152	1780438	51.73	ng		96
49) Dimethylphthalate	9.56	163	1348694	48.66	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	321135	52.46	ng	#	83
51) Acenaphthene	9.87	154	1131670	47.74	ng		89
52) 3-Nitroaniline	9.79	138	123041	18.88	ng	#	71
53) 2,4-Dinitrophenol	9.90	184	371991	115.44	ng	#	90
54) Dibenzofuran	10.04	168	1603163	52.41	ng	#	87
55) 4-Nitrophenol	9.97	139	435511	109.59	ng	#	84
56) 2,4-Dinitrotoluene	10.03	165	399230	52.50	ng	#	85
57) Fluorene	10.38	166	1282269	51.18	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	318413	47.12	ng		98
59) Diethylphthalate	10.27	149	1382222	50.21	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	587554	48.04	ng		91
61) 4-Nitroaniline	10.41	138	286055	44.32	ng	#	57
62) Azobenzene	10.53	77	1254288	46.33	ng		87
64) 4,6-Dinitro-2-methylphenol	10.44	198	248499	54.31	ng	#	65
65) n-Nitrosodiphenylamine	10.50	169	1109737	52.50	ng		89
66) 4-Bromophenyl-phenylether	10.86	248	411747	54.49	ng		96
67) Hexachlorobenzene	10.93	284	490213	54.81	ng	#	78
68) Atrazine	11.02	200	343617	52.55	ng		85
69) Pentachlorophenol	11.13	266	511767	106.66	ng		98
70) Phenanthrene	11.34	178	2006205m	57.09	ng		
71) Anthracene	11.39	178	1793384	48.46	ng		95
72) Carbazole	11.55	167	1717015	52.54	ng	#	92
73) Di-n-butylphthalate	11.88	149	2046520	48.58	ng	#	96
74) Fluoranthene	12.52	202	1906856	49.55	ng		97
76) Benzidine	12.66	184	94258	8.77	ng	#	97
77) Pyrene	12.75	202	1838720	59.04	ng		95
79) Butylbenzylphthalate	13.38	149	869842	61.56	ng	#	86
80) Benzo(a)anthracene	13.94	228	1516719	58.07	ng		96
81) 3,3'-Dichlorobenzidine	13.91	252	295841	29.18	ng		99
82) Chrysene	13.99	228	1602489m	60.66	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	1197824	65.09	ng	#	93
84) Di-n-octyl phthalate	14.56	149	1967037	63.66	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1331015	56.85	ng	#	93
87) Benzo(b)fluoranthene	14.97	252	1240914	47.93	ng	#	90
88) Benzo(k)fluoranthene	15.00	252	1298775m	63.48	ng		
89) Benzo(a)pyrene	15.31	252	1150161	51.70	ng	#	89
90) Dibenzo(a,h)anthracene	16.75	278	1131228	60.07	ng	#	86
91) Benzo(g,h,i)perylene	17.15	276	1084255	61.13	ng	#	81

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

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