Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090733.D
Acq On : 22 Oct 2016 1:54
Operator : UM/SJ
Sample : H5308-08MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Manual Integrations APPROVED
sohil
10/24/2016 3:53:19 PM

Quant Time: Oct 24 11:20:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	261934	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1062138	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	549040	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	833102	20.00	ng		0.00
75) Chrysene-d12	14.02	240	543200	20.00	ng		0.00
86) Perylene-d12	15.46	264	386345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	940393	57.90	ng		0.01
7) Phenol-d6	6.50	99	774161	35.19	ng		0.00
23) Nitrobenzene-d5	7.42	82	1538735	79.46	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	616692	141.91	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2973738	84.08	ng		0.00
78) Terphenyl-d14	12.97	244	2434000	102.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	123022	13.09	ng		83
3) Pyridine	3.30	79	229486	10.42	ng	#	77
4) n-Nitrosodimethylamine	3.23	42	99877	13.26	ng		80
6) Aniline	6.52	93	499975	20.05	ng	#	85
8) 2-Chlorophenol	6.65	128	650007	33.34	ng		98
9) Benzaldehyde	6.41	77	162779	13.53	ng	#	83
10) Phenol	6.51	94	325825	13.18	ng	#	54
11) bis(2-Chloroethyl)ether	6.59	93	784614	37.76	ng		97
12) 1,3-Dichlorobenzene	6.79	146	719731	36.75	ng	#	92
13) 1,4-Dichlorobenzene	6.87	146	795686	38.30	ng	#	92
14) 1,2-Dichlorobenzene	7.02	146	733042	36.05	ng	#	88
15) Benzyl Alcohol	7.00	79	414041	27.71	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1010864	32.48	ng		71
17) 2-Methylphenol	7.13	107	433344	29.50	ng	#	79
18) Hexachloroethane	7.37	117	278374	33.01	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	606184	37.00	ng	#	66
20) 3+4-Methylphenols	7.27	107	440753	25.31	ng	#	53
22) Acetophenone	7.27	105	1066501	45.06	ng	#	86
24) Nitrobenzene	7.45	77	893598	42.57	ng	#	73
25) Isophorone	7.69	82	1605398	43.79	ng	#	92
26) 2-Nitrophenol	7.77	139	406193	47.36	ng	#	91
27) 2,4-Dimethylphenol	7.80	122	488554	32.13	ng	#	80
28) bis(2-Chloroethoxy)methane	7.90	93	975181	48.63	ng	#	96
29) 2,4-Dichlorophenol	8.01	162	607577	48.68	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	680817	46.35	ng		97
31) Naphthalene	8.17	128	2185497	42.06	ng		96
32) Benzoic acid	7.90	122	126816	17.52	ng	#	69
33) 4-Chloroaniline	8.21	127	439633	22.82	ng	#	88
34) Hexachlorobutadiene	8.28	225	361595	43.78	ng		98
35) Caprolactam	8.60	113	25175	7.06	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	569769	39.25	ng	#	77
37) 2-Methylnaphthalene	8.86	142	1497146	49.31	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	656289	44.27	ng		99
40) Hexachlorocyclopentadiene	9.01	237	711746	102.26	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	479279	52.13	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	424719	45.52	ng		95
45) 1,1'-Biphenyl	9.32	154	1827468	42.38	ng		91
46) 2-Chloronaphthalene	9.34	162	1416866	44.21	ng	#	89
47) 2-Nitroaniline	9.45	65	283571	26.66	ng		88
48) Acenaphthylene	9.77	152	2215221	45.30	ng		95
49) Dimethylphthalate	9.63	163	1649186	47.80	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	342446	46.16	ng	#	61
51) Acenaphthene	9.94	154	1598975	49.26	ng		88
52) 3-Nitroaniline	9.86	138	94609	11.09	ng	#	64
53) 2,4-Dinitrophenol	9.97	184	313454m	75.76	ng		
54) Dibenzofuran	10.11	168	1994625	50.72	ng	#	85
55) 4-Nitrophenol	10.02	139	165422	35.17	ng	#	22
56) 2,4-Dinitrotoluene	10.10	165	520491	57.40	ng	#	99
57) Fluorene	10.45	166	1595754	48.97	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384226	52.48	ng		96
59) Diethylphthalate	10.33	149	1640464	45.84	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	737847	49.54	ng	#	87
61) 4-Nitroaniline	10.47	138	74588	8.64	ng	#	51
62) Azobenzene	10.60	77	1858988	44.37	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	226362	43.04	ng		87
65) n-Nitrosodiphenylamine	10.57	169	1372278	51.41	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	458955	56.83	ng		99
67) Hexachlorobenzene	11.00	284	547874	57.49	ng	#	81
68) Atrazine	11.09	200	370140	50.24	ng		85
69) Pentachlorophenol	11.19	266	565647	89.79	ng		97
70) Phenanthrene	11.41	178	2139534m	50.38	ng		
71) Anthracene	11.46	178	2166275	46.00	ng		96
72) Carbazole	11.62	167	1931181	49.05	ng	#	92
73) Di-n-butylphthalate	11.95	149	2411439	47.22	ng	#	96
74) Fluoranthene	12.60	202	2116629	51.53	ng		88
76) Benzidine	12.73	184	49483	4.10	ng	#	94
77) Pyrene	12.83	202	2045492	53.92	ng		95
79) Butylbenzylphthalate	13.45	149	1043299	59.83	ng		93
80) Benzo(a)anthracene	14.02	228	1480005	49.79	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	78448	7.62	ng	#	96
82) Chrysene	14.05	228	1604226m	55.29	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1276435	51.16	ng		97
84) Di-n-octyl phthalate	14.61	149	1871028	49.41	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	1250036	49.39	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	1220149	51.36	ng	#	89
88) Benzo(k)fluoranthene	15.07	252	1175588m	49.24	ng		
89) Benzo(a)pyrene	15.40	252	1088390	48.83	ng	#	87
90) Dibenzo(a,h)anthracene	16.89	278	1071526	50.07	ng	#	83
91) Benzo(g,h,i)perylene	17.30	276	1041427	50.17	ng	#	78

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

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