Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090732.D
Acq On : 22 Oct 2016 1:27
Operator : UM/SJ
Sample : H5308-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-102DMS

Manual Integrations APPROVED
sohil
10/24/2016 3:53:17 PM

Quant Time: Oct 24 11:18:20 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	273856	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1140245	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	564758	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	899280	20.00	ng		0.00
75) Chrysene-d12	14.02	240	589385	20.00	ng		0.00
86) Perylene-d12	15.46	264	434824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	969920	57.12	ng		0.01
7) Phenol-d6	6.50	99	810828	35.25	ng		0.00
23) Nitrobenzene-d5	7.42	82	1687696	81.18	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	672090	150.35	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3062107	84.17	ng		0.00
78) Terphenyl-d14	12.97	244	2524636	98.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	139495	14.20	ng	#	82
3) Pyridine	3.31	79	307998	13.38	ng	#	76
4) n-Nitrosodimethylamine	3.24	42	115648	14.68	ng		81
6) Aniline	6.52	93	447972	17.18	ng	#	82
8) 2-Chlorophenol	6.65	128	715593	35.11	ng		97
9) Benzaldehyde	6.41	77	186091	14.80	ng	#	82
10) Phenol	6.51	94	349640	13.52	ng	#	66
11) bis(2-Chloroethyl)ether	6.59	93	877682	40.40	ng		97
12) 1,3-Dichlorobenzene	6.79	146	804728	39.30	ng	#	92
13) 1,4-Dichlorobenzene	6.87	146	885906	40.79	ng	#	93
14) 1,2-Dichlorobenzene	7.03	146	814261	38.30	ng		99
15) Benzyl Alcohol	7.00	79	396139	25.36	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1001738	30.79	ng		68
17) 2-Methylphenol	7.13	107	442757	28.83	ng	#	80
18) Hexachloroethane	7.37	117	324138	36.76	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	653042	38.13	ng	#	67
20) 3+4-Methylphenols	7.27	107	443946	24.39	ng	#	50
22) Acetophenone	7.27	105	1139347	44.84	ng	#	85
24) Nitrobenzene	7.45	77	938161	41.63	ng	#	72
25) Isophorone	7.69	82	1736082	44.11	ng	#	91
26) 2-Nitrophenol	7.77	139	454092	49.32	ng	#	89
27) 2,4-Dimethylphenol	7.80	122	511048	31.30	ng	#	80
28) bis(2-Chloroethoxy)methane	7.90	93	1072206	49.80	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	646017	48.22	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	744833	47.24	ng		97
31) Naphthalene	8.17	128	2374359	42.57	ng		96
32) Benzoic acid	7.90	122	132931	17.28	ng	#	72
33) 4-Chloroaniline	8.21	127	306714	14.83	ng	#	87
34) Hexachlorobutadiene	8.28	225	411573	46.42	ng		98
35) Caprolactam	8.60	113	30089	7.86	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	607169	38.96	ng		93
37) 2-Methylnaphthalene	8.86	142	1593945	48.90	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	690197	45.26	ng		99
40) Hexachlorocyclopentadiene	9.01	237	778443	108.73	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	489850	51.80	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	457727	47.69	ng		97
45) 1,1'-Biphenyl	9.32	154	1887744	42.56	ng		91
46) 2-Chloronaphthalene	9.35	162	1508384	45.76	ng		97
47) 2-Nitroaniline	9.45	65	334620	30.58	ng		83
48) Acenaphthylene	9.77	152	2238667	44.51	ng		94
49) Dimethylphthalate	9.63	163	1845733	52.01	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	373311	48.92	ng	#	58
51) Acenaphthene	9.94	154	1641277	49.15	ng		88
52) 3-Nitroaniline	9.86	138	95541	10.89	ng	#	66
53) 2,4-Dinitrophenol	9.97	184	358968m	81.36	ng		
54) Dibenzofuran	10.11	168	1989770	49.19	ng	#	87
55) 4-Nitrophenol	10.03	139	172419	35.55	ng	#	74
56) 2,4-Dinitrotoluene	10.10	165	563836	60.45	ng	#	96
57) Fluorene	10.45	166	1627449	48.55	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	412988	54.84	ng		99
59) Diethylphthalate	10.33	149	1635237	44.43	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	753423	49.18	ng		89
61) 4-Nitroaniline	10.47	138	118195	13.30	ng	#	62
62) Azobenzene	10.60	77	1679287	38.96	ng		87
64) 4,6-Dinitro-2-methylphenol	10.50	198	245278	43.19	ng		91
65) n-Nitrosodiphenylamine	10.57	169	1386386	48.12	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	506389	58.09	ng		95
67) Hexachlorobenzene	11.00	284	596184	57.95	ng	#	81
68) Atrazine	11.09	200	382934	48.16	ng		86
69) Pentachlorophenol	11.19	266	624159	91.20	ng		99
70) Phenanthrene	11.41	178	2172987m	47.41	ng		
71) Anthracene	11.46	178	2301062	45.27	ng		95
72) Carbazole	11.62	167	1973607	46.44	ng	#	92
73) Di-n-butylphthalate	11.95	149	2501322	45.37	ng	#	96
74) Fluoranthene	12.60	202	2220173	50.07	ng		87
76) Benzidine	12.73	184	49080	3.75	ng	#	94
77) Pyrene	12.83	202	2201831	53.49	ng		96
79) Butylbenzylphthalate	13.45	149	1081955	57.18	ng		96
80) Benzo(a)anthracene	14.01	228	1578699	48.95	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	71140	6.37	ng	#	97
82) Chrysene	14.05	228	1749958m	55.59	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1316317	48.62	ng		97
84) Di-n-octyl phthalate	14.61	149	1944404	47.32	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1297500	47.25	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	1346276	50.35	ng	#	88
88) Benzo(k)fluoranthene	15.07	252	1311922m	48.83	ng		
89) Benzo(a)pyrene	15.40	252	1219030	48.60	ng	#	87
90) Dibenzo(a,h)anthracene	16.89	278	1122515	46.61	ng	#	84
91) Benzo(g,h,i)perylene	17.30	276	1044047	44.69	ng	#	81

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

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