Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090759.D
Acq On : 22 Oct 2016 13:48
Operator : UM/SJ
Sample : H5367-09MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01S-101916MSD

Manual Integrations APPROVED
sohil
10/24/2016 3:52:48 PM

Quant Time: Oct 24 12:34:01 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	264093	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1066586	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	548687	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	815791	20.00	ng		0.00
75) Chrysene-d12	14.02	240	488008	20.00	ng		0.00
86) Perylene-d12	15.46	264	401079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	791778	48.35	ng		0.01
7) Phenol-d6	6.50	99	660854	29.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	1490252	76.63	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	603939	139.07	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2867832	81.14	ng		0.00
78) Terphenyl-d14	12.97	244	2277684	106.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	121155	12.79	ng	#	78
3) Pyridine	3.32	79	280452m	12.63	ng		
4) n-Nitrosodimethylamine	3.24	42	89837	11.83	ng	#	69
6) Aniline	6.52	93	477584	18.99	ng	#	83
8) 2-Chlorophenol	6.65	128	641264	32.62	ng		98
9) Benzaldehyde	6.41	77	142884	11.78	ng	#	83
10) Phenol	6.51	94	303071	12.16	ng	#	61
11) bis(2-Chloroethyl)ether	6.59	93	756811	36.13	ng		95
12) 1,3-Dichlorobenzene	6.79	146	755258	38.25	ng	#	94
13) 1,4-Dichlorobenzene	6.87	146	804848	38.43	ng	#	94
14) 1,2-Dichlorobenzene	7.02	146	731732m	35.69	ng		
15) Benzyl Alcohol	7.00	79	347174	23.04	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.14	45	872643	27.81	ng		63
17) 2-Methylphenol	7.13	107	403179	27.22	ng	#	80
18) Hexachloroethane	7.37	117	278605	32.77	ng	#	87
19) n-Nitroso-di-n-propylamine	7.29	70	575156	34.82	ng	#	66
20) 3+4-Methylphenols	7.27	107	395586	22.53	ng	#	44
22) Acetophenone	7.27	105	1044499	43.94	ng	#	84
24) Nitrobenzene	7.45	77	793966	37.66	ng	#	74
25) Isophorone	7.69	82	1555903	42.27	ng	#	92
26) 2-Nitrophenol	7.77	139	420014	48.77	ng	#	89
27) 2,4-Dimethylphenol	7.80	122	604004	39.55	ng	#	80
28) bis(2-Chloroethoxy)methane	7.90	93	977163	48.52	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	582106	46.45	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	682169	46.25	ng		98
31) Naphthalene	8.17	128	2161274	41.42	ng		96
32) Benzoic acid	7.89	122	82323	13.99	ng	#	76
33) 4-Chloroaniline	8.22	127	341015	17.62	ng	#	94
34) Hexachlorobutadiene	8.28	225	372490	44.92	ng		98
35) Caprolactam	8.60	113	24712	6.90	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	557358	38.24	ng		89
37) 2-Methylnaphthalene	8.86	142	1463516	48.00	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	647482	43.70	ng		99
40) Hexachlorocyclopentadiene	9.01	237	686529	98.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	438470	47.72	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	440020	47.19	ng	#	96
45) 1,1'-Biphenyl	9.32	154	1642704	38.12	ng		91
46) 2-Chloronaphthalene	9.34	162	1382927	43.18	ng	#	90
47) 2-Nitroaniline	9.45	65	433110	40.74	ng	#	76
48) Acenaphthylene	9.77	152	2125978	43.50	ng		95
49) Dimethylphthalate	9.63	163	1546201	44.85	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	344234	46.43	ng	#	52
51) Acenaphthene	9.94	154	1496050	46.11	ng		89
52) 3-Nitroaniline	9.86	138	143753	16.87	ng	#	63
53) 2,4-Dinitrophenol	9.97	184	254254m	65.82	ng		
54) Dibenzofuran	10.11	168	1898501	48.31	ng	#	88
55) 4-Nitrophenol	10.03	139	117000	26.62	ng	#	68
56) 2,4-Dinitrotoluene	10.10	165	495853	54.72	ng	#	97
57) Fluorene	10.45	166	1500887	46.08	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	362040	49.48	ng		100
59) Diethylphthalate	10.33	149	1542069	43.12	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	734260	49.33	ng		92
61) 4-Nitroaniline	10.47	138	304812	35.31	ng	#	56
62) Azobenzene	10.60	77	1575359	37.62	ng		87
64) 4,6-Dinitro-2-methylphenol	10.51	198	213304	41.58	ng	#	58
65) n-Nitrosodiphenylamine	10.57	169	1293091	49.48	ng		89
66) 4-Bromophenyl-phenylether	10.93	248	463306	58.58	ng		95
67) Hexachlorobenzene	11.00	284	539696	57.83	ng	#	80
68) Atrazine	11.09	200	319509	44.29	ng		85
69) Pentachlorophenol	11.19	266	519463	85.79	ng		98
70) Phenanthrene	11.41	178	2053986m	49.40	ng		
71) Anthracene	11.46	178	2047240	44.40	ng		95
72) Carbazole	11.62	167	1729065	44.85	ng	#	93
73) Di-n-butylphthalate	11.95	149	2294614	45.88	ng	#	96
74) Fluoranthene	12.60	202	1856102	46.14	ng		87
76) Benzidine	12.73	184	380908	35.15	ng		98
77) Pyrene	12.83	202	1799673	52.80	ng		96
79) Butylbenzylphthalate	13.45	149	872873	55.71	ng		92
80) Benzo(a)anthracene	14.02	228	1337802	50.09	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	269758	29.15	ng		98
82) Chrysene	14.05	228	1429194m	54.83	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1157987	51.66	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1663883	48.91	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1257549	55.30	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	1148336	46.56	ng	#	89
88) Benzo(k)fluoranthene	15.07	252	1192873m	48.13	ng		
89) Benzo(a)pyrene	15.40	252	1102004	47.63	ng	#	89
90) Dibenzo(a,h)anthracene	16.89	278	1074995	48.39	ng	#	85
91) Benzo(g,h,i)perylene	17.30	276	1045266	48.51	ng	#	82

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

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