Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090758.D
Acq On : 22 Oct 2016 13:21
Operator : UM/SJ
Sample : H5367-08MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
10/24/2016 3:52:45 PM

Quant Time: Oct 24 12:34:54 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	269069	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1101849	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	576517	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	908052	20.00	ng		0.00
75) Chrysene-d12	14.03	240	571828	20.00	ng		0.01
86) Perylene-d12	15.46	264	428759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	928499	55.65	ng		0.01
7) Phenol-d6	6.50	99	795704	35.21	ng		0.00
23) Nitrobenzene-d5	7.42	82	1768102	88.01	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	708478	155.26	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3078253	82.89	ng		0.00
78) Terphenyl-d14	12.98	244	2785505	111.64	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	147185	15.25	ng	#	81
3) Pyridine	3.31	79	333809	14.76	ng	#	75
4) n-Nitrosodimethylamine	3.24	42	118539	15.32	ng		81
6) Aniline	6.52	93	738084	28.81	ng	#	83
8) 2-Chlorophenol	6.65	128	706855	35.29	ng		93
9) Benzaldehyde	6.41	77	150936	12.22	ng	#	80
10) Phenol	6.51	94	368824	14.52	ng	#	42
11) bis(2-Chloroethyl)ether	6.60	93	920474	43.13	ng		87
12) 1,3-Dichlorobenzene	6.79	146	806530	40.09	ng	#	92
13) 1,4-Dichlorobenzene	6.87	146	884304	41.44	ng	#	93
14) 1,2-Dichlorobenzene	7.03	146	792537	37.94	ng		98
15) Benzyl Alcohol	7.00	79	419850	27.35	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1072842	33.56	ng		67
17) 2-Methylphenol	7.13	107	473451	31.37	ng	#	79
18) Hexachloroethane	7.37	117	313721	36.22	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	694938	41.29	ng	#	68
20) 3+4-Methylphenols	7.27	107	459401	25.68	ng	#	40
22) Acetophenone	7.27	105	1156428	47.10	ng	#	86
24) Nitrobenzene	7.45	77	906406	41.62	ng	#	70
25) Isophorone	7.69	82	1788585	47.03	ng	#	89
26) 2-Nitrophenol	7.77	139	461867	51.91	ng	#	85
27) 2,4-Dimethylphenol	7.81	122	693288	43.95	ng		86
28) bis(2-Chloroethoxy)methane	7.90	93	1139441	54.77	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	614236	47.44	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	744543	48.86	ng		97
31) Naphthalene	8.17	128	2364413	43.87	ng		96
32) Benzoic acid	7.90	122	117583	16.46	ng	#	71
33) 4-Chloroaniline	8.22	127	670570	33.55	ng	#	93
34) Hexachlorobutadiene	8.28	225	405188	47.30	ng		98
35) Caprolactam	8.60	113	30692	8.30	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	646751	42.95	ng		88
37) 2-Methylnaphthalene	8.86	142	1627488	51.67	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	685839	44.06	ng		99
40) Hexachlorocyclopentadiene	9.01	237	734795	100.54	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	479160	49.63	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	485251	49.53	ng	#	96
45) 1,1'-Biphenyl	9.32	154	1876321	41.44	ng		91
46) 2-Chloronaphthalene	9.35	162	1556288	46.25	ng		96
47) 2-Nitroaniline	9.45	65	462148	41.37	ng	#	75
48) Acenaphthylene	9.77	152	2305796	44.91	ng		94
49) Dimethylphthalate	9.63	163	1818394	50.19	ng	#	97
50) 2,6-Dinitrotoluene	9.70	165	408641	52.45	ng	#	90
51) Acenaphthene	9.94	154	1474107	43.24	ng		88
52) 3-Nitroaniline	9.86	138	228533	25.52	ng	#	55
53) 2,4-Dinitrophenol	9.97	184	350689m	79.03	ng		
54) Dibenzofuran	10.11	168	2053685	49.74	ng	#	85
55) 4-Nitrophenol	10.03	139	162047	33.20	ng	#	62
56) 2,4-Dinitrotoluene	10.10	165	546978	57.45	ng	#	88
57) Fluorene	10.45	166	1622162	47.40	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	407706	53.03	ng		99
59) Diethylphthalate	10.33	149	1692055	45.03	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	753640	48.19	ng	#	88
61) 4-Nitroaniline	10.49	138	377362	41.61	ng	#	62
62) Azobenzene	10.60	77	1825868	41.50	ng		86
64) 4,6-Dinitro-2-methylphenol	10.51	198	279490	48.20	ng	#	68
65) n-Nitrosodiphenylamine	10.57	169	1401349	48.17	ng		89
66) 4-Bromophenyl-phenylether	10.93	248	492611	55.96	ng		98
67) Hexachlorobenzene	11.00	284	591655	56.96	ng	#	84
68) Atrazine	11.09	200	330350	41.14	ng		87
69) Pentachlorophenol	11.19	266	579347	85.91	ng		97
70) Phenanthrene	11.41	178	2208361m	47.71	ng		
71) Anthracene	11.47	178	2400366	46.76	ng		97
72) Carbazole	11.62	167	1953431	45.52	ng	#	92
73) Di-n-butylphthalate	11.95	149	2462726	44.24	ng	#	96
74) Fluoranthene	12.60	202	2237330	49.97	ng		89
76) Benzidine	12.73	184	278062	21.90	ng		97
77) Pyrene	12.83	202	2214382m	55.45	ng		
79) Butylbenzylphthalate	13.45	149	1043065	56.82	ng		93
80) Benzo(a)anthracene	14.02	228	1585432	50.66	ng		95
81) 3,3'-Dichlorobenzidine	13.98	252	344902	31.81	ng	#	92
82) Chrysene	14.05	228	1633739m	53.49	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1322092	50.34	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1998339	50.13	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1334377	50.08	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	1272289	48.26	ng	#	90
88) Benzo(k)fluoranthene	15.08	252	1419615m	53.58	ng		
89) Benzo(a)pyrene	15.40	252	1234551	49.91	ng	#	89
90) Dibenzo(a,h)anthracene	16.89	278	1136569	47.86	ng	#	86
91) Benzo(g,h,i)perylene	17.30	276	1076847	46.75	ng	#	83

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

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