Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084210.D
Acq On : 31 Dec 2015 22:21
Operator : UM/SJ
Sample : PB87627BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87627BSD

Manual Integrations APPROVED
UMANGI
1/4/2016 4:29:43 PM

Quant Time: Jan 02 00:10:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	290550	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1245731	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	557103	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1010536	20.00	ng		0.00
75) Chrysene-d12	14.07	240	769572	20.00	ng		0.00
86) Perylene-d12	15.51	264	563840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1392874	77.54	ng		0.01
7) Phenol-d6	6.53	99	2041670	90.50	ng		0.00
23) Nitrobenzene-d5	7.47	82	1889832	84.43	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	486945	86.58	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2719427	85.94	ng		0.00
78) Terphenyl-d14	13.01	244	2416158	70.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	301382	35.42	ng	#	72
3) Pyridine	3.34	79	862693	36.36	ng	#	71
4) n-Nitrosodimethylamine	3.30	42	485505	39.87	ng	#	75
6) Aniline	6.56	93	768799	23.29	ng	#	83
8) 2-Chlorophenol	6.68	128	823272	40.40	ng		86
9) Benzaldehyde	6.44	77	353509	24.06	ng		95
10) Phenol	6.54	94	1192760	46.50	ng		85
11) bis(2-Chloroethyl)ether	6.64	93	777454	39.13	ng	#	83
12) 1,3-Dichlorobenzene	6.84	146	866311m	41.21	ng		
13) 1,4-Dichlorobenzene	6.92	146	888862	42.16	ng		93
14) 1,2-Dichlorobenzene	7.07	146	769911	38.13	ng		97
15) Benzyl Alcohol	7.05	79	825050	43.47	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1437854	39.74	ng		84
17) 2-Methylphenol	7.16	107	731443	42.82	ng		97
18) Hexachloroethane	7.41	117	339326	40.25	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	639851	41.90	ng	#	72
20) 3+4-Methylphenols	7.31	107	825973	41.14	ng	#	79
22) Acetophenone	7.31	105	1150453	38.41	ng	#	81
24) Nitrobenzene	7.48	77	844162	37.18	ng		93
25) Isophorone	7.72	82	1690989	39.50	ng		98
26) 2-Nitrophenol	7.80	139	424911	41.13	ng	#	83
27) 2,4-Dimethylphenol	7.85	122	835782	39.96	ng		88
28) bis(2-Chloroethoxy)methane	7.94	93	1005417	38.45	ng		98
29) 2,4-Dichlorophenol	8.04	162	669554	38.43	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	755084	41.98	ng	#	96
31) Naphthalene	8.21	128	2408900	42.62	ng		98
32) Benzoic acid	7.96	122	499349	38.53	ng		96
33) 4-Chloroaniline	8.26	127	369195	14.25	ng	#	92
34) Hexachlorobutadiene	8.33	225	400022	38.69	ng		98
35) Caprolactam	8.62	113	222758	37.93	ng	#	32
36) 4-Chloro-3-methylphenol	8.74	107	771120	39.52	ng		95
37) 2-Methylnaphthalene	8.90	142	1526678	37.63	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	682441	42.61	ng		98
40) Hexachlorocyclopentadiene	9.06	237	849446	87.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	489785	40.88	ng		92
43) 2,4,5-Trichlorophenol	9.22	196	494738	43.07	ng	#	90
45) 1,1'-Biphenyl	9.37	154	1882494	42.52	ng		99
46) 2-Chloronaphthalene	9.39	162	1395033	40.11	ng		96
47) 2-Nitroaniline	9.48	65	473640	41.26	ng		97
48) Acenaphthylene	9.80	152	2164745	42.13	ng		97
49) Dimethylphthalate	9.68	163	1729704	43.43	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	392193	44.90	ng		95
51) Acenaphthene	9.98	154	1568559	45.51	ng		94
52) 3-Nitroaniline	9.89	138	243476	22.49	ng		89
53) 2,4-Dinitrophenol	10.00	184	272894	73.63	ng	#	77
54) Dibenzofuran	10.16	168	2018557	45.24	ng		100
55) 4-Nitrophenol	10.05	139	584767	74.43	ng	#	79
56) 2,4-Dinitrotoluene	10.13	165	567213	51.31	ng	#	89
57) Fluorene	10.50	166	1464102	42.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	428425	43.69	ng		91
59) Diethylphthalate	10.37	149	1736568	44.22	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	739984	52.05	ng		99
61) 4-Nitroaniline	10.51	138	391700	40.60	ng		95
62) Azobenzene	10.65	77	1949899	45.27	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	228143	36.99	ng	#	70
65) n-Nitrosodiphenylamine	10.60	169	1251060	38.72	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	488171	44.88	ng		96
67) Hexachlorobenzene	11.04	284	466995	38.15	ng	#	81
68) Atrazine	11.14	200	466966	44.16	ng		90
69) Pentachlorophenol	11.23	266	517767	81.57	ng		97
70) Phenanthrene	11.45	178	2271005	42.96	ng		97
71) Anthracene	11.50	178	2275940	43.92	ng		96
72) Carbazole	11.65	167	1868988	36.90	ng		98
73) Di-n-butylphthalate	12.00	149	2524247	47.57	ng	#	95
74) Fluoranthene	12.64	202	2144221	38.83	ng		98
76) Benzidine	12.76	184	665853	24.13	ng		98
77) Pyrene	12.87	202	2177080	36.05	ng		97
79) Butylbenzylphthalate	13.49	149	1102358	42.18	ng	#	97
80) Benzo(a)anthracene	14.05	228	1779307	39.38	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	363188	23.03	ng	#	99
82) Chrysene	14.09	228	1442427	33.22	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1299507	39.36	ng	#	96
84) Di-n-octyl phthalate	14.66	149	2078511	37.29	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1387153	40.30	ng		100
87) Benzo(b)fluoranthene	15.08	252	1692953m	45.90	ng		
88) Benzo(k)fluoranthene	15.12	252	1097399m	36.38	ng		
89) Benzo(a)pyrene	15.44	252	1327838	42.44	ng	#	96
90) Dibenzo(a,h)anthracene	16.95	278	1152616	42.82	ng		95
91) Benzo(g,h,i)perylene	17.36	276	1185038	42.51	ng		96

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

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