Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079425.D
Acq On : 22 May 2015 7:22
Operator : TP/IZ
Sample : G2289-13MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 22 08:39:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 08:37:23 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.073	152	59460	20.00	ng		0.00
21) Naphthalene-d8	8.650	136	247029	20.00	ng	#	0.00
38) Acenaphthene-d10	10.811	164	117945	20.00	ng		0.00
63) Phenanthrene-d10	12.651	188	219851	20.00	ng		0.00
75) Chrysene-d12	15.943	240	216299	20.00	ng		0.01
86) Perylene-d12	17.691	264	232754	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.347	112	522027m	151.13	ng		0.00
7) Phenol-d6	6.650	99	709915	155.48	ng		0.00
23) Nitrobenzene-d5	7.770	82	403834	93.95	ng		0.00
41) 2,4,6-Tribromophenol	11.794	330	192437	150.82	ng		0.00
44) 2-Fluorobiphenyl	9.999	172	789215	93.23	ng		0.00
78) Terphenyl-d14	14.651	244	852582	94.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.930	88	63205m	42.08	ng		
3) Pyridine	2.604	79	188574m	42.90	ng		
4) n-Nitrosodimethylamine	2.524	42	85296m	45.29	ng		
6) Aniline	6.662	93	109865	17.05	ng	#	1
8) 2-Chlorophenol	6.799	128	200361	51.14	ng		91
9) Benzaldehyde	6.513	77	35713m	11.61	ng		
10) Phenol	6.662	94	260810	49.24	ng		83
11) bis(2-Chloroethyl)ether	6.765	93	193367	49.80	ng		93
12) 1,3-Dichlorobenzene	6.993	146	210346	47.77	ng		98
13) 1,4-Dichlorobenzene	7.096	146	207262	45.74	ng		96
14) 1,2-Dichlorobenzene	7.268	146	198892	47.14	ng		96
15) Benzyl Alcohol	7.256	79	157631m	46.51	ng		
16) 2,2'-oxybis(1-Chloropr...	7.439	45	278026	46.80	ng		96
17) 2-Methylphenol	7.416	107	157906	50.09	ng		98
18) Hexachloroethane	7.690	117	74641	47.82	ng		97
19) n-Nitroso-di-n-propyla...	7.599	70	141688	45.94	ng		91
20) 3+4-Methylphenols	7.610	107	210033	50.00	ng	#	43
22) Acetophenone	7.588	105	280345	50.23	ng	#	83
24) Nitrobenzene	7.793	77	204801	48.07	ng	#	81
25) Isophorone	8.090	82	376850	47.29	ng		95
26) 2-Nitrophenol	8.182	139	94893	53.81	ng	#	88
27) 2,4-Dimethylphenol	8.262	122	175041	49.60	ng		99
28) bis(2-Chloroethoxy)met...	8.376	93	245161	49.91	ng		100
29) 2,4-Dichlorophenol	8.490	162	160650	51.20	ng		87
30) 1,2,4-Trichlorobenzene	8.582	180	171236	49.68	ng		99
31) Naphthalene	8.673	128	601954	51.14	ng		99
32) Benzoic acid	8.365	122	39675m	21.90	ng		
33) 4-Chloroaniline	8.753	127	95899	19.25	ng		94
34) Hexachlorobutadiene	8.833	225	92310	46.50	ng		96
35) Caprolactam	9.176	113	48528	47.83	ng		98
36) 4-Chloro-3-methylphenol	9.371	107	174817	53.04	ng		93
37) 2-Methylnaphthalene	9.531	142	402853	49.39	ng		98
39) 1,2,4,5-Tetrachloroben...	9.736	216	155577	46.84	ng		99
40) Hexachlorocyclopentadiene	9.725	237	102638	61.45	ng		95
42) 2,4,6-Trichlorophenol	9.896	196	106624	46.69	ng		98
43) 2,4,5-Trichlorophenol	9.942	196	111449	48.27	ng		97
45) 1,1'-Biphenyl	10.114	154	465203	49.61	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.136	162	360554	49.30	ng		92
47) 2-Nitroaniline	10.274	65	105025	49.56	ng	#	60
48) Acenaphthylene	10.639	152	574443	47.84	ng		100
49) Dimethylphthalate	10.514	163	502462	58.05	ng		98
50) 2,6-Dinitrotoluene	10.582	165	89033	52.12	ng	#	77
51) Acenaphthene	10.856	154	342002	47.76	ng		99
52) 3-Nitroaniline	10.776	138	69892	32.75	ng		92
53) 2,4-Dinitrophenol	10.925	184	31145	54.96	ng	#	61
54) Dibenzofuran	11.074	168	525547	50.81	ng		98
55) 4-Nitrophenol	11.016	139	135548	80.25	ng	#	68
56) 2,4-Dinitrotoluene	11.085	165	113421	50.22	ng	#	84
57) Fluorene	11.496	166	427283	50.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.234	232	87066	46.15	ng		100
59) Diethylphthalate	11.382	149	412392	48.09	ng		99
60) 4-Chlorophenyl-phenyle...	11.508	204	184113	48.88	ng		96
61) 4-Nitroaniline	11.531	138	98803	46.28	ng		98
62) Azobenzene	11.702	77	418722	49.55	ng		96
64) 4,6-Dinitro-2-methylph...	11.576	198	37958	43.18	ng	#	10
65) n-Nitrosodiphenylamine	11.657	169	359577	49.11	ng		100
66) 4-Bromophenyl-phenylether	12.114	248	113722	49.63	ng	#	85
67) Hexachlorobenzene	12.171	284	128427	49.03	ng	#	74
68) Atrazine	12.331	200	105937	49.76	ng		98
69) Pentachlorophenol	12.422	266	112872	74.20	ng		97
70) Phenanthrene	12.685	178	722247	58.72	ng		99
71) Anthracene	12.742	178	615635	51.02	ng		100
72) Carbazole	12.960	167	594933	51.73	ng		99
73) Di-n-butylphthalate	13.417	149	687640	49.86	ng		99
74) Fluoranthene	14.160	202	754081	58.84	ng		94
76) Benzidine	14.342	184	296705	50.90	ng		97
77) Pyrene	14.434	202	769829	61.76	ng		100
79) Butylbenzylphthalate	15.268	149	303838	55.77	ng		99
80) Benzo(a)anthracene	15.931	228	674280	56.93	ng		99
81) 3,3'-Dichlorobenzidine	15.908	252	179493	42.54	ng	#	99
82) Chrysene	15.977	228	595575	52.28	ng		99
83) Bis(2-ethylhexyl)phtha...	16.000	149	461927	55.97	ng		98
84) Di-n-octyl phthalate	16.800	149	787176	54.16	ng		96
85) Indeno(1,2,3-cd)pyrene	19.052	276	779648	53.71	ng		99
87) Benzo(b)fluoranthene	17.246	252	675544	53.03	ng	#	96
88) Benzo(k)fluoranthene	17.280	252	611872m	49.61	ng		
89) Benzo(a)pyrene	17.634	252	649710	55.39	ng	#	97
90) Dibenzo(a,h)anthracene	19.074	278	636943	51.09	ng		98
91) Benzo(g,h,i)perylene	19.440	276	658818	52.72	ng	#	96

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

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