Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085816.D
Acq On : 28 Mar 2016 22:10
Operator : UM/SJ
Sample : H1937-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:23 PM

Quant Time: Mar 29 01:40:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111789	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	459416	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	198128	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	361531	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	214056	20.00	ng		0.00
86) Perylene-d12	15.39	264	188018	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	685692	102.15	ng		0.01
7) Phenol-d6	6.46	99	894879	104.86	ng		0.00
23) Nitrobenzene-d5	7.38	82	541550	66.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	212376	112.82	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	833083	70.25	ng		-0.01
78) Terphenyl-d14	12.93	244	732213	70.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	83461	26.04	ng		96
3) Pyridine	3.16	79	212392	27.64	ng		100
4) n-Nitrosodimethylamine	3.09	42	98774	32.11	ng		93
6) Aniline	6.48	93	271471	23.63	ng		96
8) 2-Chlorophenol	6.60	128	234177	30.03	ng		86
9) Benzaldehyde	6.37	77	29279	5.69	ng		90
10) Phenol	6.47	94	340795	35.25	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	216820	29.14	ng		94
12) 1,3-Dichlorobenzene	6.76	146	259041m	30.84	ng		
13) 1,4-Dichlorobenzene	6.84	146	261226	30.67	ng		94
14) 1,2-Dichlorobenzene	6.98	146	244767	30.84	ng		96
15) Benzyl Alcohol	6.96	79	195512	34.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	288023	29.17	ng		97
17) 2-Methylphenol	7.08	107	196905	31.54	ng		99
18) Hexachloroethane	7.33	117	96194	30.84	ng		90
19) n-Nitroso-di-n-propylamine	7.24	70	169595	33.19	ng		99
20) 3+4-Methylphenols	7.24	107	248525	33.11	ng	#	84
22) Acetophenone	7.22	105	323564	30.23	ng	#	97
24) Nitrobenzene	7.41	77	238449	28.35	ng	#	80
25) Isophorone	7.65	82	462290	29.42	ng	#	91
26) 2-Nitrophenol	7.72	139	122332	29.08	ng	#	82
27) 2,4-Dimethylphenol	7.76	122	235572	32.03	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	282264	31.52	ng		98
29) 2,4-Dichlorophenol	7.97	162	193145	31.24	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	212228	30.92	ng		96
31) Naphthalene	8.13	128	708369	30.60	ng		98
32) Benzoic acid	7.84	122	11350	2.32	ng		88
33) 4-Chloroaniline	8.17	127	183516	19.42	ng	#	93
34) Hexachlorobutadiene	8.24	225	105271	28.22	ng		98
35) Caprolactam	8.54	113	62391	28.49	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	215330	29.82	ng		98
37) 2-Methylnaphthalene	8.81	142	444724	30.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	192101	32.70	ng		98
40) Hexachlorocyclopentadiene	8.97	237	108947	48.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	134774	33.96	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	139778	33.59	ng	#	94
45) 1,1'-Biphenyl	9.28	154	554296	33.15	ng		97
46) 2-Chloronaphthalene	9.30	162	406956	33.10	ng		94
47) 2-Nitroaniline	9.41	65	130453	34.70	ng	#	84
48) Acenaphthylene	9.72	152	621726	31.04	ng		99
49) Dimethylphthalate	9.58	163	622465	41.41	ng		99
50) 2,6-Dinitrotoluene	9.65	165	107638	33.27	ng		89
51) Acenaphthene	9.89	154	366092	29.92	ng		100
52) 3-Nitroaniline	9.82	138	98411	26.57	ng		81
53) 2,4-Dinitrophenol	9.93	184	27632	21.67	ng	#	72
54) Dibenzofuran	10.06	168	515920	32.58	ng		93
55) 4-Nitrophenol	9.99	139	152155	63.06	ng	#	82
56) 2,4-Dinitrotoluene	10.05	165	127914	31.10	ng	#	38
57) Fluorene	10.40	166	406528	30.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	110213	38.11	ng		95
59) Diethylphthalate	10.28	149	458037	30.84	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	207474	32.23	ng	#	82
61) 4-Nitroaniline	10.42	138	99610	28.12	ng		87
62) Azobenzene	10.56	77	508942	35.66	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54362	25.68	ng		98
65) n-Nitrosodiphenylamine	10.52	169	374948	32.74	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	113266	30.62	ng	#	75
67) Hexachlorobenzene	10.95	284	113280	29.29	ng	#	67
68) Atrazine	11.04	200	110896	28.68	ng		96
69) Pentachlorophenol	11.16	266	115312	60.72	ng		99
70) Phenanthrene	11.36	178	605142	32.60	ng		100
71) Anthracene	11.42	178	674244	34.60	ng		99
72) Carbazole	11.57	167	551697	33.72	ng		98
73) Di-n-butylphthalate	11.90	149	704463	31.38	ng		99
74) Fluoranthene	12.55	202	592875	30.05	ng		94
76) Benzidine	12.68	184	270634	35.90	ng		97
77) Pyrene	12.78	202	597642	33.97	ng		100
79) Butylbenzylphthalate	13.40	149	272312	36.96	ng	#	83
80) Benzo(a)anthracene	13.97	228	389691	31.93	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	89891	10.61	ng	#	97
82) Chrysene	14.00	228	379733	30.89	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	333677	37.82	ng	#	97
84) Di-n-octyl phthalate	14.56	149	470406	35.86	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	404191	42.58	ng		99
87) Benzo(b)fluoranthene	14.99	252	318972m	26.93	ng		
88) Benzo(k)fluoranthene	15.02	252	335293m	31.40	ng		
89) Benzo(a)pyrene	15.33	252	328707	31.26	ng		97
90) Dibenzo(a,h)anthracene	16.79	278	339076	34.70	ng		98
91) Benzo(g,h,i)perylene	17.19	276	346937	35.06	ng		96

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

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