Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097716.D
Acq On : 16 Aug 2017 3:34
Operator : SJ/JU
Sample : I4703-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-G9-BASEMS

Manual Integrations APPROVED
Sohil
8/16/2017 6:49:15 PM

Quant Time: Aug 16 11:56:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146052	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	581796	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	247818	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	402793	20.00	ng		0.00
75) Chrysene-d12	13.94	240	275943	20.00	ng		0.00
86) Perylene-d12	15.37	264	272649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	851847	88.72	ng		0.00
7) Phenol-d6	6.42	99	1195007	91.60	ng		0.00
23) Nitrobenzene-d5	7.35	82	699844	65.35	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	188287	87.57	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	860546	51.02	ng		0.00
78) Terphenyl-d14	12.89	244	565790	42.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	116606	21.776	ng		91
3) Pyridine	3.23	79	341261	23.053	ng		88
4) n-Nitrosodimethylamine	3.16	42	164302	28.845	ng		87
6) Aniline	6.45	93	435715	23.774	ng		98
8) 2-Chlorophenol	6.57	128	307950	30.411	ng		96
9) Benzaldehyde	6.33	77	155336	18.798	ng		90
10) Phenol	6.43	94	506779	33.214	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	346035	30.047	ng		98
12) 1,3-Dichlorobenzene	6.73	146	278395	25.559	ng	#	95
13) 1,4-Dichlorobenzene	6.80	146	284132	25.648	ng		94
14) 1,2-Dichlorobenzene	6.96	146	269974	26.430	ng		99
15) Benzyl Alcohol	6.93	79	325497	33.324	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	453804	29.287	ng		92
17) 2-Methylphenol	7.04	107	284122	31.839	ng		97
18) Hexachloroethane	7.30	117	107510	24.754	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	259989	29.111	ng		91
20) 3+4-Methylphenols	7.19	107	346426	31.784	ng		98
22) Acetophenone	7.20	105	460542	29.964	ng	#	85
24) Nitrobenzene	7.37	77	391686	32.847	ng		94
25) Isophorone	7.61	82	706621	31.731	ng		97
26) 2-Nitrophenol	7.69	139	139722	34.057	ng	#	85
27) 2,4-Dimethylphenol	7.72	122	278233	29.958	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	446244	30.480	ng		91
29) 2,4-Dichlorophenol	7.92	162	239911	31.119	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	231118	27.043	ng		99
31) Naphthalene	8.09	128	833306	27.589	ng		99
32) Benzoic acid	7.76	122	2782m	6.761	ng		
33) 4-Chloroaniline	8.14	127	311075	24.421	ng		99
34) Hexachlorobutadiene	8.21	225	131711	26.395	ng		97
35) Caprolactam	8.50	113	79218m	30.225	ng		
36) 4-Chloro-3-methylphenol	8.62	107	296103	29.893	ng	#	77
37) 2-Methylnaphthalene	8.78	142	546798	29.528	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	223668	29.409	ng		98
40) Hexachlorocyclopentadiene	8.93	237	61604	16.861	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	156425	30.635	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	162553	32.089	ng		95
45) 1,1'-Biphenyl	9.25	154	642858	28.447	ng		96
46) 2-Chloronaphthalene	9.27	162	468846	28.079	ng	#	91
47) 2-Nitroaniline	9.36	65	191438	34.199	ng		94
48) Acenaphthylene	9.69	152	734199	28.000	ng		99
49) Dimethylphthalate	9.55	163	815895	45.040	ng		99
50) 2,6-Dinitrotoluene	9.61	165	117072	32.377	ng	#	66
51) Acenaphthene	9.86	154	438625	26.523	ng		99
52) 3-Nitroaniline	9.77	138	137694	29.515	ng		88
53) 2,4-Dinitrophenol	9.87	184	1682	10.996	ng	#	1
54) Dibenzofuran	10.03	168	670669	30.260	ng		99
55) 4-Nitrophenol	9.93	139	181603	48.799	ng	#	35
56) 2,4-Dinitrotoluene	10.00	165	149702	32.990	ng	#	46
57) Fluorene	10.37	166	477467	27.864	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	122953	31.350	ng		94
59) Diethylphthalate	10.25	149	589391	31.113	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	231015	29.019	ng		91
61) 4-Nitroaniline	10.38	138	128799	29.048	ng	#	66
62) Azobenzene	10.52	77	682289	30.322	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	8312	11.941	ng		88
65) n-Nitrosodiphenylamine	10.48	169	461590	33.653	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	140584	33.610	ng		98
67) Hexachlorobenzene	10.92	284	128434	30.125	ng	#	88
68) Atrazine	11.01	200	134913	37.089	ng		98
69) Pentachlorophenol	11.10	266	114492	46.059	ng		99
70) Phenanthrene	11.33	178	629098	29.310	ng		99
71) Anthracene	11.38	178	629137	28.899	ng		100
72) Carbazole	11.53	167	580096	28.072	ng		98
73) Di-n-butylphthalate	11.87	149	840535	35.313	ng		99
74) Fluoranthene	12.51	202	558048	24.909	ng		98
76) Benzidine	12.64	184	297309	32.861	ng	#	91
77) Pyrene	12.74	202	554753	24.580	ng		98
79) Butylbenzylphthalate	13.37	149	262615	30.350	ng	#	70
80) Benzo(a)anthracene	13.93	228	473677	28.641	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	174652	31.296	ng	#	96
82) Chrysene	13.96	228	465790	28.312	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	342143	35.683	ng		100
84) Di-n-octyl phthalate	14.54	149	644382	38.624	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	396237	32.740	ng		96
87) Benzo(b)fluoranthene	14.96	252	486090	28.284	ng		99
88) Benzo(k)fluoranthene	14.99	252	483559	29.949	ng	#	95
89) Benzo(a)pyrene	15.31	252	464332	30.520	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	344025	27.775	ng		98
91) Benzo(g,h,i)perylene	17.19	276	303698	23.499	ng		94

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

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