Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097675.D
Acq On : 13 Aug 2017 15:30
Operator : SJ/JU
Sample : I4703-01MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASEMS

Manual Integrations APPROVED
sohil
8/14/2017 7:08:59 PM

Quant Time: Aug 14 08:20:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	113791	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	464208	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	178918	20.00	ng		-0.01
63) Phenanthrene-d10	14.75	188	249963	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	190210	20.00	ng		-0.01
86) Perylene-d12	20.12	264	174752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	691089	96.54	ng		0.02
7) Phenol-d6	7.08	99	733649	82.61	ng		0.02
23) Nitrobenzene-d5	8.42	82	432264	58.39	ng		0.00
41) 2,4,6-Tribromophenol	13.65	330	99594	73.23	ng		-0.01
44) 2-Fluorobiphenyl	11.30	172	579712	48.90	ng		-0.02
78) Terphenyl-d14	17.10	244	367364	39.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	73166	23.551	ng	#	63
3) Pyridine	2.41	79	155663	17.179	ng	#	63
4) n-Nitrosodimethylamine	2.38	42	149217	28.382	ng		81
6) Aniline	7.00	93	307394	24.084	ng		99
8) 2-Chlorophenol	7.19	128	245423	29.905	ng		90
9) Benzaldehyde	6.82	77	90664	15.482	ng		93
10) Phenol	7.09	94	322132	33.129	ng		98
11) bis(2-Chloroethyl)ether	7.14	93	215888	27.681	ng		91
12) 1,3-Dichlorobenzene	7.40	146	237360	25.826	ng		98
13) 1,4-Dichlorobenzene	7.53	146	240173	25.674	ng		97
14) 1,2-Dichlorobenzene	7.76	146	224704	26.321	ng		98
15) Benzyl Alcohol	7.80	79	197503	32.184	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	503579	28.759	ng		89
17) 2-Methylphenol	8.04	107	196443	30.885	ng		99
18) Hexachloroethane	8.28	117	71169	22.236	ng	#	83
19) n-Nitroso-di-n-propylamine	8.23	70	170892	27.666	ng	#	82
20) 3+4-Methylphenols	8.30	107	252083	32.362	ng	#	59
22) Acetophenone	8.19	105	329386	30.035	ng	#	97
24) Nitrobenzene	8.45	77	232933	28.873	ng		97
25) Isophorone	8.85	82	417805	30.637	ng		97
26) 2-Nitrophenol	8.96	139	119100	29.186	ng	#	87
27) 2,4-Dimethylphenol	9.11	122	213279	31.342	ng		97
28) bis(2-Chloroethoxy)methane	9.22	93	312243	31.688	ng		99
29) 2,4-Dichlorophenol	9.40	162	188165	31.360	ng		96
30) 1,2,4-Trichlorobenzene	9.46	180	168942	28.399	ng		98
31) Naphthalene	9.56	128	651963	28.040	ng		99
33) 4-Chloroaniline	9.72	127	243827	25.313	ng		96
34) Hexachlorobutadiene	9.78	225	82555	25.404	ng		95
35) Caprolactam	10.30	113	48373m	25.021	ng		
36) 4-Chloro-3-methylphenol	10.59	107	187079	27.750	ng		87
37) 2-Methylnaphthalene	10.69	142	404059	27.619	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	147147	29.044	ng		99
40) Hexachlorocyclopentadiene	10.94	237	1056	11.974	ng		93
42) 2,4,6-Trichlorophenol	11.20	196	95907	28.732	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.30	196	90659	28.756	ng		97
45) 1,1'-Biphenyl	11.46	154	430893	28.071	ng		97
46) 2-Chloronaphthalene	11.47	162	322747	27.384	ng	#	92
47) 2-Nitroaniline	11.69	65	138603	30.020	ng		95
48) Acenaphthylene	12.12	152	489625	26.132	ng		99
49) Dimethylphthalate	12.01	163	562807	40.816	ng		99
50) 2,6-Dinitrotoluene	12.10	165	81897	28.762	ng	#	73
51) Acenaphthene	12.41	154	307082	27.348	ng		100
52) 3-Nitroaniline	12.37	138	102612	27.523	ng		98
54) Dibenzofuran	12.69	168	453567	28.853	ng		97
55) 4-Nitrophenol	12.82	139	48879	34.425	ng	#	65
56) 2,4-Dinitrotoluene	12.77	165	101051	26.589	ng	#	80
57) Fluorene	13.25	166	350978	27.149	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	54033	24.955	ng	#	98
59) Diethylphthalate	13.15	149	383534	29.449	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	152347	27.604	ng		93
61) 4-Nitroaniline	13.37	138	89117	25.058	ng		94
62) Azobenzene	13.53	77	375508	28.981	ng		94
64) 4,6-Dinitro-2-methylphenol	13.47	198	3746	2.457	ng	#	1
65) n-Nitrosodiphenylamine	13.49	169	299055	32.375	ng		100
66) 4-Bromophenyl-phenylether	14.06	248	82962	31.991	ng		96
67) Hexachlorobenzene	14.14	284	80217	28.397	ng	#	85
68) Atrazine	14.40	200	82236	35.482	ng		95
69) Pentachlorophenol	14.52	266	6286	17.069	ng		97
70) Phenanthrene	14.79	178	421407	29.271	ng		98
71) Anthracene	14.87	178	433023	29.397	ng		97
72) Carbazole	15.17	167	410608	29.281	ng		99
73) Di-n-butylphthalate	15.74	149	539940	32.896	ng		99
74) Fluoranthene	16.55	202	368637	28.337	ng		98
76) Benzidine	16.78	184	263670	42.062	ng	#	92
77) Pyrene	16.86	202	361219	22.964	ng		98
79) Butylbenzylphthalate	17.77	149	192966	29.345	ng	#	78
80) Benzo(a)anthracene	18.44	228	323004	29.075	ng		98
81) 3,3'-Dichlorobenzidine	18.42	252	114793	29.960	ng		98
82) Chrysene	18.49	228	319110	28.880	ng		99
83) Bis(2-ethylhexyl)phthalate	18.52	149	287707	30.762	ng		97
84) Di-n-octyl phthalate	19.29	149	486636	29.794	ng	#	91
85) Indeno(1,2,3-cd)pyrene	21.33	276	252497	29.380	ng		96
87) Benzo(b)fluoranthene	19.72	252	319006	30.400	ng		97
88) Benzo(k)fluoranthene	19.74	252	299775m	28.365	ng		
89) Benzo(a)pyrene	20.06	252	287978	29.899	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	214941	31.168	ng		97
91) Benzo(g,h,i)perylene	21.68	276	217643	28.769	ng		97

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

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