Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097667.D
Acq On : 13 Aug 2017 11:09
Operator : SJ/JU
Sample : I4736-08MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10-COMPMS

Manual Integrations APPROVED
sohil
8/14/2017 7:08:21 PM

Quant Time: Aug 14 13:31:23 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	111080	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	461369	20.00	ng		-0.01
38) Acenaphthene-d10	12.35	164	174004	20.00	ng		-0.02
63) Phenanthrene-d10	14.75	188	240503	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	187382	20.00	ng		-0.01
86) Perylene-d12	20.11	264	165938	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	379760	54.34	ng		0.03
7) Phenol-d6	7.07	99	602437	69.49	ng		0.01
23) Nitrobenzene-d5	8.42	82	364888	49.59	ng		0.00
41) 2,4,6-Tribromophenol	13.65	330	109671	82.91	ng		-0.01
44) 2-Fluorobiphenyl	11.30	172	699902	60.70	ng		-0.02
78) Terphenyl-d14	17.10	244	437776	48.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	24637	8.124	ng	#	82
3) Pyridine	2.47	79	45842	5.183	ng	#	66
4) n-Nitrosodimethylamine	2.42	42	29534	5.755	ng	#	82
6) Aniline	7.00	93	159538	12.805	ng		100
8) 2-Chlorophenol	7.20	128	101722	12.698	ng		90
9) Benzaldehyde	6.85	77	28006	4.899	ng		98
10) Phenol	7.09	94	177177	18.666	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	100437	13.192	ng		89
12) 1,3-Dichlorobenzene	7.40	146	72989	8.135	ng		98
13) 1,4-Dichlorobenzene	7.53	146	76162	8.340	ng		94
14) 1,2-Dichlorobenzene	7.76	146	81630	9.795	ng		95
15) Benzyl Alcohol	7.80	79	140434	23.443	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.99	45	265289	15.520	ng		91
17) 2-Methylphenol	8.04	107	132087	21.274	ng		96
18) Hexachloroethane	8.28	117	21082	6.748	ng	#	82
19) n-Nitroso-di-n-propylamine	8.22	70	133068	22.068	ng	#	84
20) 3+4-Methylphenols	8.30	107	178119	23.425	ng	#	57
22) Acetophenone	8.19	105	219945	20.179	ng	#	96
24) Nitrobenzene	8.45	77	153529	19.147	ng		97
25) Isophorone	8.84	82	367734	27.131	ng		99
26) 2-Nitrophenol	8.96	139	76626	18.893	ng	#	84
27) 2,4-Dimethylphenol	9.11	122	175117	25.892	ng		98
28) bis(2-Chloroethoxy)methane	9.22	93	235319	24.028	ng		98
29) 2,4-Dichlorophenol	9.40	162	143215	24.015	ng		97
30) 1,2,4-Trichlorobenzene	9.46	180	89881	15.202	ng		97
31) Naphthalene	9.56	128	415557	17.982	ng		99
33) 4-Chloroaniline	9.72	127	190029	19.850	ng		97
34) Hexachlorobutadiene	9.78	225	40606	12.572	ng		97
35) Caprolactam	10.30	113	60333	31.400	ng	#	50
36) 4-Chloro-3-methylphenol	10.59	107	191330	28.555	ng		89
37) 2-Methylnaphthalene	10.69	142	361747	24.879	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	121564	24.672	ng		99
40) Hexachlorocyclopentadiene	10.94	237	280	10.998	ng		90
42) 2,4,6-Trichlorophenol	11.20	196	94974	29.256	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.30	196	79938	26.071	ng		96
45) 1,1'-Biphenyl	11.46	154	402565	26.966	ng		96
46) 2-Chloronaphthalene	11.47	162	298284	26.023	ng	#	91
47) 2-Nitroaniline	11.69	65	145695	32.448	ng		98
48) Acenaphthylene	12.12	152	507959	27.876	ng		98
49) Dimethylphthalate	12.00	163	536239	39.988	ng		98
50) 2,6-Dinitrotoluene	12.10	165	80271	28.987	ng	#	60
51) Acenaphthene	12.40	154	290471	26.599	ng		98
52) 3-Nitroaniline	12.37	138	99047	27.317	ng		98
54) Dibenzofuran	12.69	168	444627	29.084	ng		99
55) 4-Nitrophenol	12.81	139	45644m	33.054	ng		
56) 2,4-Dinitrotoluene	12.77	165	103238	27.931	ng	#	75
57) Fluorene	13.24	166	337000	26.804	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	51958	24.675	ng	#	92
59) Diethylphthalate	13.15	149	399737	31.560	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	143449	26.726	ng		97
61) 4-Nitroaniline	13.37	138	91059	26.327	ng		92
62) Azobenzene	13.53	77	389594	30.918	ng		91
64) 4,6-Dinitro-2-methylphenol	13.47	198	4316	2.942	ng	#	1
65) n-Nitrosodiphenylamine	13.49	169	296002	33.305	ng		98
66) 4-Bromophenyl-phenylether	14.06	248	77002	30.861	ng		96
67) Hexachlorobenzene	14.14	284	73974	27.217	ng	#	81
68) Atrazine	14.40	200	79041	35.445	ng		94
69) Pentachlorophenol	14.52	266	5676	16.524	ng		96
70) Phenanthrene	14.79	178	421323	30.416	ng		98
71) Anthracene	14.87	178	415168	29.293	ng		98
72) Carbazole	15.17	167	410599	30.433	ng		97
73) Di-n-butylphthalate	15.74	149	530501	33.592	ng		99
74) Fluoranthene	16.55	202	378717	30.257	ng		97
76) Benzidine	16.78	184	196929	31.889	ng	#	91
77) Pyrene	16.86	202	389523	25.138	ng		99
79) Butylbenzylphthalate	17.77	149	191661	29.586	ng	#	74
80) Benzo(a)anthracene	18.44	228	323816	29.588	ng		98
81) 3,3'-Dichlorobenzidine	18.42	252	108847	28.837	ng		96
82) Chrysene	18.48	228	318892	29.296	ng		99
83) Bis(2-ethylhexyl)phthalate	18.52	149	280288	30.421	ng		99
84) Di-n-octyl phthalate	19.29	149	498007	30.950	ng	#	89
85) Indeno(1,2,3-cd)pyrene	21.33	276	240502	28.407	ng		94
87) Benzo(b)fluoranthene	19.72	252	317479	31.862	ng		98
88) Benzo(k)fluoranthene	19.74	252	279107	27.812	ng		97
89) Benzo(a)pyrene	20.06	252	281253	30.752	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	205443	31.374	ng	#	93
91) Benzo(g,h,i)perylene	21.68	276	196107	27.299	ng		97

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

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