Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099191.D
Acq On : 7 Oct 2017 13:46
Operator : SJ/JU
Sample : I5604-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Manual Integrations APPROVED
Sohil
10/9/2017 6:33:52 PM

Quant Time: Oct 08 04:17:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135473	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	563546	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	242976	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	376348	20.00	ng		0.00
75) Chrysene-d12	14.03	240	223125	20.00	ng		0.00
86) Perylene-d12	15.50	264	217188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	964084	113.29	ng		0.03
7) Phenol-d6	6.51	99	1113999	106.11	ng		0.01
23) Nitrobenzene-d5	7.43	82	751465	85.51	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	227679	114.51	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1329200	91.33	ng		0.00
78) Terphenyl-d14	12.97	244	857599	87.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	153312	37.713	ng	#	83
3) Pyridine	3.59	79	331563	30.150	ng		95
4) n-Nitrosodimethylamine	3.53	42	175874	37.714	ng		84
6) Aniline	6.53	93	188448	13.300	ng		99
8) 2-Chlorophenol	6.66	128	407795	42.314	ng		96
9) Benzaldehyde	6.42	77	50135	8.233	ng		95
10) Phenol	6.52	94	448022	38.159	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	399363	43.753	ng		95
12) 1,3-Dichlorobenzene	6.81	146	438752	43.471	ng		97
13) 1,4-Dichlorobenzene	6.89	146	446686	43.499	ng		97
14) 1,2-Dichlorobenzene	7.04	146	411263	43.343	ng		97
15) Benzyl Alcohol	7.01	79	323419	41.994	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	574617	40.407	ng		95
17) 2-Methylphenol	7.12	107	335412	42.535	ng		98
18) Hexachloroethane	7.37	117	153018	41.456	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	267418	39.897	ng		91
20) 3+4-Methylphenols	7.27	107	388433	38.938	ng	#	79
22) Acetophenone	7.28	105	542787	39.754	ng	#	99
24) Nitrobenzene	7.45	77	421280	42.262	ng		97
25) Isophorone	7.69	82	782348	43.061	ng		98
26) 2-Nitrophenol	7.76	139	234623	48.946	ng		93
27) 2,4-Dimethylphenol	7.80	122	377615	41.713	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	504199	44.532	ng		100
29) 2,4-Dichlorophenol	8.01	162	341665	43.959	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	350833	45.131	ng		99
31) Naphthalene	8.17	128	1155943	43.674	ng		99
32) Benzoic acid	7.94	122	239939	32.267	ng		98
33) 4-Chloroaniline	8.22	127	88110	7.972	ng		97
34) Hexachlorobutadiene	8.28	225	171538	42.842	ng		100
35) Caprolactam	8.60	113	102290m	41.028	ng		
36) 4-Chloro-3-methylphenol	8.70	107	355670	40.713	ng		95
37) 2-Methylnaphthalene	8.86	142	790872	45.965	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312154	43.078	ng		99
40) Hexachlorocyclopentadiene	9.01	237	139370	42.086	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	221300	43.109	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	230507	44.981	ng		97
45) 1,1'-Biphenyl	9.33	154	904156	43.298	ng		98
46) 2-Chloronaphthalene	9.35	162	711536	45.382	ng		98
47) 2-Nitroaniline	9.45	65	206948	43.106	ng		93
48) Acenaphthylene	9.77	152	1047323	43.635	ng		100
49) Dimethylphthalate	9.63	163	854369	46.589	ng		100
50) 2,6-Dinitrotoluene	9.69	165	186912	46.817	ng		87
51) Acenaphthene	9.94	154	617927	40.643	ng		99
52) 3-Nitroaniline	9.86	138	131221	28.188	ng		88
53) 2,4-Dinitrophenol	9.97	184	91713	46.737	ng		94
54) Dibenzofuran	10.11	168	921899	45.541	ng		99
55) 4-Nitrophenol	10.03	139	263849	67.030	ng		90
56) 2,4-Dinitrotoluene	10.10	165	233461	45.057	ng		92
57) Fluorene	10.45	166	702388	43.169	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	162625	45.940	ng		97
59) Diethylphthalate	10.32	149	789978	44.085	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	319378	43.697	ng		99
61) 4-Nitroaniline	10.48	138	182964	40.739	ng		89
62) Azobenzene	10.60	77	716010	43.457	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	69017	30.141	ng		86
65) n-Nitrosodiphenylamine	10.56	169	637639	48.907	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	183351	49.772	ng		92
67) Hexachlorobenzene	11.00	284	178189	45.289	ng		99
68) Atrazine	11.09	200	185854	47.379	ng		98
69) Pentachlorophenol	11.20	266	171336	69.971	ng		98
70) Phenanthrene	11.42	178	920511	45.695	ng		99
71) Anthracene	11.47	178	933884	45.308	ng		99
72) Carbazole	11.62	167	848691	42.046	ng		100
73) Di-n-butylphthalate	11.95	149	1145898	47.165	ng		99
74) Fluoranthene	12.60	202	811237	39.769	ng		99
76) Benzidine	12.72	184	42015	5.091	ng		98
77) Pyrene	12.83	202	811774	47.712	ng		99
79) Butylbenzylphthalate	13.44	149	395510	49.462	ng		98
80) Benzo(a)anthracene	14.02	228	632385	46.806	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	171475	34.621	ng		96
82) Chrysene	14.06	228	588480	45.750	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	542128	49.238	ng	#	99
84) Di-n-octyl phthalate	14.61	149	858689	48.434	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	541641	52.640	ng		95
87) Benzo(b)fluoranthene	15.07	252	613771m	45.963	ng		
88) Benzo(k)fluoranthene	15.10	252	561311	42.558	ng		100
89) Benzo(a)pyrene	15.44	252	566910	46.249	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	451003	45.975	ng		97
91) Benzo(g,h,i)perylene	17.44	276	440430	45.420	ng		98

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

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