Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099712.D
Acq On : 20 Oct 2017 20:29
Operator : SJ/JU
Sample : I5950-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Manual Integrations APPROVED
Sohil
10/23/2017 3:26:30 PM

Quant Time: Oct 23 11:19:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92873	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	357776	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	137121	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	198522	20.00	ng		0.00
75) Chrysene-d12	13.98	240	171370	20.00	ng		0.00
86) Perylene-d12	15.44	264	176504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	699088	119.83	ng		0.00
7) Phenol-d6	6.46	99	819082	113.81	ng		0.00
23) Nitrobenzene-d5	7.39	82	463051	83.00	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	124315	110.80	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	747353	90.99	ng		0.00
78) Terphenyl-d14	12.92	244	461992	61.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	82989	29.778	ng	#	90
3) Pyridine	3.38	79	227479	30.174	ng		91
4) n-Nitrosodimethylamine	3.33	42	90269	28.236	ng		81
6) Aniline	6.49	93	217104	22.351	ng	#	89
8) 2-Chlorophenol	6.60	128	243019	36.783	ng		95
9) Benzaldehyde	6.37	77	62148	14.886	ng		94
10) Phenol	6.47	94	313910	39.000	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	224973	35.953	ng		92
12) 1,3-Dichlorobenzene	6.76	146	257363m	37.195	ng		
13) 1,4-Dichlorobenzene	6.83	146	260301	36.975	ng		97
14) 1,2-Dichlorobenzene	6.99	146	238401	36.650	ng		96
15) Benzyl Alcohol	6.96	79	166399	31.516	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	283143	29.043	ng		62
17) 2-Methylphenol	7.07	107	193881	35.865	ng		97
18) Hexachloroethane	7.32	117	79588	31.453	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	145391	31.641	ng		90
20) 3+4-Methylphenols	7.23	107	238300	34.845	ng	#	77
22) Acetophenone	7.23	105	311526	35.939	ng	#	98
24) Nitrobenzene	7.40	77	223911	35.381	ng		92
25) Isophorone	7.64	82	409966	35.543	ng		96
26) 2-Nitrophenol	7.72	139	124504	40.911	ng		89
27) 2,4-Dimethylphenol	7.76	122	205981	35.840	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	270357	37.612	ng		99
29) 2,4-Dichlorophenol	7.96	162	192622	39.036	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	194887	39.489	ng		98
31) Naphthalene	8.12	128	635858	37.841	ng		99
33) 4-Chloroaniline	8.17	127	125726	17.917	ng		95
34) Hexachlorobutadiene	8.23	225	95603	37.610	ng		99
35) Caprolactam	8.54	113	54909m	34.690	ng		
36) 4-Chloro-3-methylphenol	8.66	107	185690	33.480	ng		91
37) 2-Methylnaphthalene	8.81	142	418864	38.345	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	166718	40.769	ng		98
40) Hexachlorocyclopentadiene	8.96	237	15761	8.434	ng		94
42) 2,4,6-Trichlorophenol	9.09	196	112684	38.897	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	117287	40.556	ng		94
45) 1,1'-Biphenyl	9.27	154	470509	39.925	ng		99
46) 2-Chloronaphthalene	9.30	162	365271	41.282	ng		96
47) 2-Nitroaniline	9.40	65	96767	35.716	ng		85
48) Acenaphthylene	9.72	152	518221	38.259	ng		99
49) Dimethylphthalate	9.57	163	493757	47.710	ng		99
50) 2,6-Dinitrotoluene	9.64	165	90217	40.042	ng		90
51) Acenaphthene	9.89	154	303993	35.430	ng		99
52) 3-Nitroaniline	9.82	138	77633	29.551	ng		86
53) 2,4-Dinitrophenol	9.94	184	5281	10.002	ng		90
54) Dibenzofuran	10.06	168	438367	38.372	ng		98
55) 4-Nitrophenol	9.99	139	107321	48.313	ng		85
56) 2,4-Dinitrotoluene	10.05	165	104098	35.600	ng		93
57) Fluorene	10.40	166	340069	37.035	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	72442	36.262	ng		95
59) Diethylphthalate	10.27	149	378781	37.456	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	157110	38.090	ng		95
61) 4-Nitroaniline	10.43	138	81690	32.231	ng		81
62) Azobenzene	10.55	77	450501	48.450	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	16780	13.892	ng	#	71
65) n-Nitrosodiphenylamine	10.51	169	300130	43.640	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	83426	42.932	ng		94
67) Hexachlorobenzene	10.95	284	80377	38.728	ng		98
68) Atrazine	11.03	200	81440	39.358	ng		98
69) Pentachlorophenol	11.15	266	61638	47.720	ng		100
70) Phenanthrene	11.36	178	459829	43.273	ng		99
71) Anthracene	11.42	178	442119	40.663	ng		98
72) Carbazole	11.57	167	403700	37.915	ng		99
73) Di-n-butylphthalate	11.89	149	478447	37.332	ng		99
74) Fluoranthene	12.55	202	472222	43.885	ng		99
76) Benzidine	12.67	184	250055	39.451	ng		98
77) Pyrene	12.78	202	471935	36.115	ng		99
79) Butylbenzylphthalate	13.39	149	200596	32.663	ng		93
80) Benzo(a)anthracene	13.97	228	413018	39.802	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	134265	35.295	ng		100
82) Chrysene	14.01	228	385351	39.006	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	296864	35.105	ng	#	100
84) Di-n-octyl phthalate	14.55	149	520934	38.257	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.92	276	359656	45.510	ng		96
87) Benzo(b)fluoranthene	15.02	252	437500	40.314	ng		98
88) Benzo(k)fluoranthene	15.04	252	362890	33.856	ng		99
89) Benzo(a)pyrene	15.38	252	389018	39.052	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	307462	38.567	ng		96
91) Benzo(g,h,i)perylene	17.36	276	296153	37.581	ng		97

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

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