Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102750.D
Acq On : 5 Feb 2018 20:48
Operator : SJ/JU
Sample : J1456-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-9-WW(1-4)MSD

Quant Time: Feb 06 00:43:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132789	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	771244	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	340107	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	448251	20.00	ng		0.00
75) Chrysene-d12	14.07	240	213314	20.00	ng		0.02
86) Perylene-d12	15.56	264	230773	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1488696	170.26	ng		0.01
7) Phenol-d6	6.52	99	1596534	151.64	ng		0.02
23) Nitrobenzene-d5	7.46	82	815941	73.39	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	298054	108.88	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1470430	71.74	ng		0.00
78) Terphenyl-d14	13.00	244	756730	84.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	227958	52.783	ng	#	86
3) Pyridine	3.48	79	661130	55.408	ng		87
4) n-Nitrosodimethylamine	3.42	42	350067	68.571	ng		94
6) Aniline	6.56	93	220991	14.214	ng	#	72
8) 2-Chlorophenol	6.68	128	377852	41.975	ng		94
9) Benzaldehyde	6.44	77	185231	23.691	ng	#	74
10) Phenol	6.53	94	650598	57.663	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	429525	45.750	ng		87
12) 1,3-Dichlorobenzene	6.84	146	442705	42.469	ng		98
13) 1,4-Dichlorobenzene	6.91	146	310268	29.879	ng	#	90
14) 1,2-Dichlorobenzene	7.07	146	389499	40.271	ng	#	78
15) Benzyl Alcohol	7.03	79	401161	49.561	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	512337	28.727	ng		73
17) 2-Methylphenol	7.14	107	370491	44.619	ng	#	94
18) Hexachloroethane	7.41	117	149145	41.885	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	349029	50.282	ng	#	92
20) 3+4-Methylphenols	7.29	107	429706	41.965	ng	#	84
22) Acetophenone	7.30	105	533528	28.269	ng	#	86
24) Nitrobenzene	7.47	77	441575	33.747	ng	#	96
25) Isophorone	7.71	82	1034833	40.423	ng	#	72
26) 2-Nitrophenol	7.79	139	237057	44.823	ng	#	81
27) 2,4-Dimethylphenol	7.82	122	436601	40.368	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	581309	38.331	ng	#	91
29) 2,4-Dichlorophenol	8.03	162	444225	45.181	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	399466	35.914	ng		98
31) Naphthalene	8.20	128	1472777	39.085	ng		99
32) Benzoic acid	7.89	122	70738	17.180	ng	#	42
33) 4-Chloroaniline	8.24	127	219409	13.516	ng		96
34) Hexachlorobutadiene	8.31	225	216078	37.911	ng		99
35) Caprolactam	8.65	113	26037	7.625	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	510227	46.186	ng		99
37) 2-Methylnaphthalene	8.88	142	1020815	41.378	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	372910	40.269	ng		99
40) Hexachlorocyclopentadiene	9.03	237	72170	16.394	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	289825	47.649	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	301887	44.035	ng		97
45) 1,1'-Biphenyl	9.35	154	1104692	38.563	ng		98
46) 2-Chloronaphthalene	9.37	162	860005	38.134	ng		97
47) 2-Nitroaniline	9.46	65	342833	49.172	ng		88
48) Acenaphthylene	9.79	152	1254165	35.805	ng		99
49) Dimethylphthalate	9.65	163	1135326	42.812	ng		99
50) 2,6-Dinitrotoluene	9.71	165	225374	44.670	ng		93
51) Acenaphthene	9.96	154	763214	36.434	ng		99
52) 3-Nitroaniline	9.87	138	188704	30.397	ng		96
53) 2,4-Dinitrophenol	9.97	184	13716	21.024	ng	#	43
54) Dibenzofuran	10.13	168	1090646	36.945	ng		98
55) 4-Nitrophenol	10.03	139	391920	76.983	ng		97
56) 2,4-Dinitrotoluene	10.11	165	271583	40.640	ng	#	96
57) Fluorene	10.47	166	802522	37.364	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	211037	44.414	ng	#	97
59) Diethylphthalate	10.35	149	888229	33.921	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	363047	38.209	ng		96
61) 4-Nitroaniline	10.49	138	225893	38.228	ng		93
62) Azobenzene	10.63	77	862362	32.966	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	16997	17.007	ng	#	49
65) n-Nitrosodiphenylamine	10.59	169	774249	48.969	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	219074	46.202	ng		93
67) Hexachlorobenzene	11.03	284	208451	39.850	ng	#	90
68) Atrazine	11.11	200	201492	43.197	ng		97
69) Pentachlorophenol	11.22	266	222328	72.404	ng		99
70) Phenanthrene	11.44	178	1227810	49.182	ng		100
71) Anthracene	11.49	178	1005697	39.608	ng		99
72) Carbazole	11.64	167	902883	36.296	ng		99
73) Di-n-butylphthalate	11.97	149	1141426	37.774	ng		99
74) Fluoranthene	12.64	202	1019470	40.588	ng		99
76) Benzidine	12.75	184	234746	23.944	ng	#	94
77) Pyrene	12.87	202	976485	58.377	ng		99
79) Butylbenzylphthalate	13.48	149	335185	42.022	ng		98
80) Benzo(a)anthracene	14.06	228	643314	47.953	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	103171	20.741	ng	#	93
82) Chrysene	14.09	228	609071	45.038	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	477018	46.553	ng		98
84) Di-n-octyl phthalate	14.65	149	749081	48.686	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.07	276	650703	58.015	ng		99
87) Benzo(b)fluoranthene	15.12	252	700865	46.843	ng	#	87
88) Benzo(k)fluoranthene	15.16	252	539524	37.740	ng	#	92
89) Benzo(a)pyrene	15.50	252	619509	46.000	ng	#	90
90) Dibenzo(a,h)anthracene	17.09	278	498715	45.623	ng		98
91) Benzo(g,h,i)perylene	17.52	276	549595	51.367	ng		98

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

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