Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094730.D
Acq On : 30 Apr 2017 22:19
Operator : SJ/MA
Sample : I2902-09MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11BMS

Manual Integrations APPROVED
mohammad
5/1/2017 7:51:01 PM

Quant Time: May 01 17:07:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116883	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	483693	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	214085	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	367041	20.00	ng		0.00
75) Chrysene-d12	14.48	240	233109	20.00	ng		0.00
86) Perylene-d12	16.10	264	220005	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	590619	83.83	ng		0.02
7) Phenol-d6	5.40	99	528515	63.63	ng		0.00
23) Nitrobenzene-d5	6.42	82	713672	91.11	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	230455	137.62	ng		0.01
44) 2-Fluorobiphenyl	8.58	172	1338459	91.99	ng		0.00
78) Terphenyl-d14	13.20	244	994563	114.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	69778	17.03	ng		94
3) Pyridine	2.67	79	150789	16.84	ng		97
4) n-Nitrosodimethylamine	2.61	42	86343	23.30	ng		87
6) Aniline	5.40	93	179973	16.31	ng	#	88
8) 2-Chlorophenol	5.54	128	324050	40.42	ng		96
9) Benzaldehyde	5.27	77	92371	14.62	ng	#	89
10) Phenol	5.42	94	216884	21.26	ng		94
11) bis(2-Chloroethyl)ether	5.48	93	334055	44.82	ng		96
12) 1,3-Dichlorobenzene	5.70	146	359006	40.42	ng		99
13) 1,4-Dichlorobenzene	5.79	146	364639	40.81	ng		98
14) 1,2-Dichlorobenzene	5.96	146	341269	41.46	ng		97
15) Benzyl Alcohol	5.95	79	228884	37.15	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	442390	45.27	ng		53
17) 2-Methylphenol	6.10	107	232267	36.79	ng	#	85
18) Hexachloroethane	6.35	117	125380	40.93	ng		88
19) n-Nitroso-di-n-propylamine	6.26	70	272515	49.52	ng		95
20) 3+4-Methylphenols	6.29	107	251740	29.34	ng	#	62
22) Acetophenone	6.24	105	526902	44.80	ng	#	85
24) Nitrobenzene	6.44	77	387424	46.97	ng		95
25) Isophorone	6.73	82	670200	46.15	ng		96
26) 2-Nitrophenol	6.81	139	198381	44.76	ng		97
27) 2,4-Dimethylphenol	6.90	122	207211	28.78	ng		99
28) bis(2-Chloroethoxy)methane	6.99	93	437972	46.63	ng		99
29) 2,4-Dichlorophenol	7.12	162	113234	16.91	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	305048	44.06	ng		99
31) Naphthalene	7.29	128	1245727	53.57	ng		100
32) Benzoic acid	6.90	122	228327m	59.98	ng		
33) 4-Chloroaniline	7.37	127	110343	11.41	ng	#	94
34) Hexachlorobutadiene	7.44	225	153136	44.36	ng		99
35) Caprolactam	7.96	113	1672033	794.78	ng		89
36) 4-Chloro-3-methylphenol	8.08	107	288380	41.09	ng		90
37) 2-Methylnaphthalene	8.13	142	934841	58.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	287219	47.11	ng		99
40) Hexachlorocyclopentadiene	8.32	237	199026	80.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.54	196	201923	47.17	ng		98
43) 2,4,5-Trichlorophenol	8.61	196	204546m	46.53	ng		
45) 1,1'-Biphenyl	8.71	154	840030	48.03	ng		98
46) 2-Chloronaphthalene	8.72	162	672329	48.34	ng		95
47) 2-Nitroaniline	8.89	65	186893	46.71	ng	#	85
48) Acenaphthylene	9.23	152	1269221	58.54	ng		99
49) Dimethylphthalate	9.10	163	860307	53.92	ng		100
50) 2,6-Dinitrotoluene	9.18	165	185676	51.85	ng	#	90
51) Acenaphthene	9.44	154	739930	56.98	ng		99
52) 3-Nitroaniline	9.39	138	113316	27.35	ng		94
53) 2,4-Dinitrophenol	9.54	184	129378	67.55	ng	#	75
54) Dibenzofuran	9.65	168	948235	50.24	ng		97
55) 4-Nitrophenol	9.67	139	74980m	25.62	ng		
56) 2,4-Dinitrotoluene	9.68	165	240299	54.69	ng	#	94
57) Fluorene	10.08	166	774456	52.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	151138m	47.96	ng		
59) Diethylphthalate	9.97	149	764935	50.81	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	294779	48.19	ng		92
61) 4-Nitroaniline	10.14	138	113229	26.88	ng		98
62) Azobenzene	10.28	77	712557	48.75	ng		95
64) 4,6-Dinitro-2-methylphenol	10.18	198	90548	37.65	ng	#	74
65) n-Nitrosodiphenylamine	10.24	169	628769	49.26	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	189793	52.08	ng		97
67) Hexachlorobenzene	10.75	284	188435	51.30	ng	#	83
68) Atrazine	10.92	200	181205	47.45	ng		96
69) Pentachlorophenol	11.02	266	168668	115.65	ng		99
70) Phenanthrene	11.26	178	1540471	74.53	ng		99
71) Anthracene	11.32	178	1121943	52.48	ng		99
72) Carbazole	11.53	167	876202	43.66	ng		99
73) Di-n-butylphthalate	11.97	149	1130555	51.17	ng		100
74) Fluoranthene	12.72	202	1040775	48.59	ng		99
77) Pyrene	12.99	202	1073370	65.91	ng		98
79) Butylbenzylphthalate	13.81	149	400839	56.16	ng	#	84
80) Benzo(a)anthracene	14.47	228	713417	52.65	ng		100
81) 3,3'-Dichlorobenzidine	14.44	252	46307	9.65	ng	#	92
82) Chrysene	14.51	228	647472	52.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	602587	62.88	ng	#	99
84) Di-n-octyl phthalate	15.28	149	910745	56.66	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	682705	57.95	ng		98
87) Benzo(b)fluoranthene	15.70	252	640673	47.60	ng		97
88) Benzo(k)fluoranthene	15.73	252	610256	47.92	ng	#	96
89) Benzo(a)pyrene	16.05	252	616227	49.22	ng		100
90) Dibenzo(a,h)anthracene	17.41	278	554717	53.36	ng		99
91) Benzo(g,h,i)perylene	17.77	276	580710	54.86	ng		96

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

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