Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095717.D
Acq On : 6 Jun 2017 19:28
Operator : SJ/MA
Sample : I3469-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MS

Manual Integrations APPROVED

mohammad

6/7/2017 2:18:40 PM

Quant Time: Jun 07 03:44:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75509	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	326986	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	150889	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	269933	20.00	ng		-0.01
75) Chrysene-d12	18.34	240	183135	20.00	ng		-0.01
86) Perylene-d12	20.01	264	140009	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	716738	151.25	ng		0.00
7) Phenol-d6	6.95	99	865418	152.55	ng		0.00
23) Nitrobenzene-d5	8.30	82	504615	95.84	ng		-0.02
41) 2,4,6-Tribromophenol	13.54	330	188284	141.03	ng		-0.01
44) 2-Fluorobiphenyl	11.20	172	971334	89.58	ng		-0.02
78) Terphenyl-d14	17.00	244	752546	101.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	85332	37.853	ng		94
3) Pyridine	2.32	79	176176	33.252	ng		96
4) n-Nitrosodimethylamine	2.28	42	97340	48.325	ng		86
6) Aniline	6.88	93	309395	41.687	ng		96
8) 2-Chlorophenol	7.07	128	266388	52.871	ng		96
9) Benzaldehyde	6.69	77	123698	32.325	ng		95
10) Phenol	6.97	94	294784	50.092	ng		88
11) bis(2-Chloroethyl)ether	7.03	93	230594	49.464	ng		96
12) 1,3-Dichlorobenzene	7.28	146	273842	48.017	ng		99
13) 1,4-Dichlorobenzene	7.41	146	279713	48.365	ng		98
14) 1,2-Dichlorobenzene	7.65	146	265623	49.820	ng		96
15) Benzyl Alcohol	7.69	79	216442	55.587	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.88	45	329809	50.353	ng		96
17) 2-Methylphenol	7.91	107	222283	52.570	ng		96
18) Hexachloroethane	8.16	117	92800	48.584	ng		87
19) n-Nitroso-di-n-propylamine	8.12	70	188561	52.449	ng		93
20) 3+4-Methylphenols	8.17	107	287669	53.595	ng	#	59
22) Acetophenone	8.07	105	376635	49.211	ng	#	85
24) Nitrobenzene	8.33	77	262317	46.641	ng		93
25) Isophorone	8.74	82	486416	49.478	ng		95
26) 2-Nitrophenol	8.84	139	148752	50.508	ng		97
27) 2,4-Dimethylphenol	8.99	122	240281	52.572	ng		97
28) bis(2-Chloroethoxy)methane	9.12	93	321498	49.611	ng		98
29) 2,4-Dichlorophenol	9.26	162	231821	52.665	ng		96
30) 1,2,4-Trichlorobenzene	9.35	180	221107	48.274	ng		99
31) Naphthalene	9.45	128	766859	46.730	ng		99
32) Benzoic acid	9.32	122	65152	25.494	ng		90
33) 4-Chloroaniline	9.59	127	251263	39.174	ng	#	93
34) Hexachlorobutadiene	9.67	225	110042	46.497	ng		98
35) Caprolactam	10.24	113	66528m	50.792	ng		
36) 4-Chloro-3-methylphenol	10.47	107	237668	51.579	ng		91
37) 2-Methylnaphthalene	10.58	142	525838	47.425	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	208744	46.225	ng		99
40) Hexachlorocyclopentadiene	10.83	237	127799	88.839	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.08	196	148399	51.111	ng		98
43) 2,4,5-Trichlorophenol	11.16	196	147195	47.662	ng	#	91
45) 1,1'-Biphenyl	11.35	154	584009	46.960	ng		97
46) 2-Chloronaphthalene	11.36	162	459577	47.297	ng		95
47) 2-Nitroaniline	11.58	65	138282	48.632	ng	#	77
48) Acenaphthylene	12.01	152	732533	44.087	ng		99
49) Dimethylphthalate	11.91	163	760106	66.347	ng		99
50) 2,6-Dinitrotoluene	12.00	165	120738	48.316	ng	#	84
51) Acenaphthene	12.30	154	435003	45.331	ng		99
52) 3-Nitroaniline	12.26	138	104390	35.855	ng		91
53) 2,4-Dinitrophenol	12.47	184	57218	43.641	ng	#	67
54) Dibenzofuran	12.58	168	664208	49.179	ng		98
55) 4-Nitrophenol	12.64	139	156371	91.296	ng	#	77
56) 2,4-Dinitrotoluene	12.66	165	168409	49.895	ng	#	93
57) Fluorene	13.13	166	523697	44.557	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.83	232	117522	55.616	ng	#	91
59) Diethylphthalate	13.06	149	544195	49.358	ng		99
60) 4-Chlorophenyl-phenylether	13.16	204	237551	46.476	ng		91
61) 4-Nitroaniline	13.26	138	124487	45.795	ng		96
62) Azobenzene	13.42	77	490094	49.047	ng		94
64) 4,6-Dinitro-2-methylphenol	13.33	198	68589	38.657	ng	#	65
65) n-Nitrosodiphenylamine	13.38	169	462114	47.643	ng		98
66) 4-Bromophenyl-phenylether	13.94	248	135113	48.162	ng		95
67) Hexachlorobenzene	14.03	284	132328	47.869	ng	#	89
68) Atrazine	14.30	200	132531	49.096	ng		98
69) Pentachlorophenol	14.38	266	95404	90.109	ng		99
70) Phenanthrene	14.67	178	723992	46.485	ng		97
71) Anthracene	14.76	178	743701	45.738	ng		98
72) Carbazole	15.05	167	693613	43.773	ng		98
73) Di-n-butylphthalate	15.64	149	820526	48.672	ng		99
74) Fluoranthene	16.44	202	696572	45.187	ng		98
76) Benzidine	16.67	184	254215	36.144	ng	#	92
77) Pyrene	16.75	202	698498	51.117	ng		99
79) Butylbenzylphthalate	17.67	149	324371	54.353	ng		89
80) Benzo(a)anthracene	18.33	228	501002	47.053	ng		99
81) 3,3'-Dichlorobenzidine	18.32	252	148227	39.156	ng	#	95
82) Chrysene	18.38	228	483996	45.486	ng		98
83) Bis(2-ethylhexyl)phthalate	18.43	149	459061	54.532	ng	#	99
84) Di-n-octyl phthalate	19.19	149	693209	49.973	ng		95
85) Indeno(1,2,3-cd)pyrene	21.19	276	407974	44.811	ng		100
87) Benzo(b)fluoranthene	19.60	252	425831	48.573	ng		98
88) Benzo(k)fluoranthene	19.63	252	371337m	44.314	ng		
89) Benzo(a)pyrene	19.95	252	375271	46.572	ng		99
90) Dibenzo(a,h)anthracene	21.19	278	339671	49.695	ng		99
91) Benzo(g,h,i)perylene	21.51	276	359025	51.522	ng		97

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

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