Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094851.D
Acq On : 4 May 2017 00:18
Operator : SJ/MA
Sample : I2940-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5040-COMPMSD

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:04 PM

Quant Time: May 04 04:11:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	96111	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	383443	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	172072	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	283611	20.00	ng		0.00
75) Chrysene-d12	18.64	240	188591	20.00	ng		-0.01
86) Perylene-d12	20.30	264	176918	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	760695	131.96	ng		0.01
7) Phenol-d6	7.28	99	924897	133.72	ng		0.00
23) Nitrobenzene-d5	8.63	82	547764	90.08	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	182000	129.15	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1011739	84.63	ng		0.00
78) Terphenyl-d14	17.30	244	681781	79.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	108248	38.29	ng		95
3) Pyridine	2.83	79	240664	36.73	ng		96
4) n-Nitrosodimethylamine	2.75	42	120935	44.28	ng		90
6) Aniline	7.23	93	130642	14.96	ng		96
8) 2-Chlorophenol	7.42	128	292868	44.63	ng		96
9) Benzaldehyde	7.04	77	50384	11.93	ng		96
10) Phenol	7.30	94	332993	45.69	ng		88
11) bis(2-Chloroethyl)ether	7.37	93	255612	42.48	ng		96
12) 1,3-Dichlorobenzene	7.64	146	303031	40.71	ng		98
13) 1,4-Dichlorobenzene	7.75	146	310036	41.07	ng		97
14) 1,2-Dichlorobenzene	7.99	146	295897	42.00	ng		97
15) Benzyl Alcohol	8.01	79	226805	50.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	333092	39.11	ng		53
17) 2-Methylphenol	8.22	107	229399	42.72	ng	#	89
18) Hexachloroethane	8.51	117	102018	39.90	ng		88
19) n-Nitroso-di-n-propylamine	8.44	70	197572	42.23	ng		96
20) 3+4-Methylphenols	8.48	107	311110	42.64	ng	#	59
22) Acetophenone	8.40	105	400675	43.55	ng	#	85
24) Nitrobenzene	8.66	77	278045	43.62	ng		91
25) Isophorone	9.05	82	496394	45.72	ng		96
26) 2-Nitrophenol	9.16	139	157838	45.89	ng		97
27) 2,4-Dimethylphenol	9.30	122	247289	44.47	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	318748	42.44	ng		99
29) 2,4-Dichlorophenol	9.58	162	244645	46.60	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	237468	42.22	ng		99
31) Naphthalene	9.78	128	809593	42.01	ng		99
32) Benzoic acid	9.57	122	72471	22.83	ng		93
33) 4-Chloroaniline	9.94	127	81647	11.37	ng		92
34) Hexachlorobutadiene	10.00	225	120987	40.76	ng		98
35) Caprolactam	10.54	113	71994m	45.67	ng		
36) 4-Chloro-3-methylphenol	10.78	107	246105	43.84	ng		91
37) 2-Methylnaphthalene	10.91	142	552993	43.72	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218830	41.35	ng		99
40) Hexachlorocyclopentadiene	11.17	237	117922	55.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158933	44.98	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	161775	42.60	ng	#	92
45) 1,1'-Biphenyl	11.67	154	616322	42.54	ng		98
46) 2-Chloronaphthalene	11.69	162	484536	41.42	ng		96
47) 2-Nitroaniline	11.90	65	135275	42.25	ng	#	80
48) Acenaphthylene	12.35	152	784267	42.80	ng		98
49) Dimethylphthalate	12.22	163	665879	47.14	ng		100
50) 2,6-Dinitrotoluene	12.31	165	127467	44.23	ng		94
51) Acenaphthene	12.63	154	454211	41.50	ng		100
52) 3-Nitroaniline	12.57	138	63780	20.62	ng	#	88
53) 2,4-Dinitrophenol	12.77	184	108526	69.28	ng	#	69
54) Dibenzofuran	12.92	168	689250	45.51	ng		98
55) 4-Nitrophenol	12.95	139	164658	88.63	ng	#	72
56) 2,4-Dinitrotoluene	12.97	165	165916	44.80	ng	#	89
57) Fluorene	13.47	166	546436	41.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	116208	48.62	ng	#	94
59) Diethylphthalate	13.37	149	538348	39.76	ng		100
60) 4-Chlorophenyl-phenylether	13.49	204	242898	41.97	ng		93
61) 4-Nitroaniline	13.57	138	106731	37.59	ng		96
62) Azobenzene	13.75	77	494062	45.41	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	79932	42.04	ng	#	67
65) n-Nitrosodiphenylamine	13.71	169	459688	44.66	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	131978	44.05	ng		100
67) Hexachlorobenzene	14.37	284	128383	41.81	ng	#	91
68) Atrazine	14.62	200	132262	45.51	ng		96
69) Pentachlorophenol	14.71	266	122719	87.77	ng		98
70) Phenanthrene	15.01	178	712430	43.72	ng		98
71) Anthracene	15.09	178	731797	43.96	ng		98
72) Carbazole	15.38	167	639659	42.24	ng		97
73) Di-n-butylphthalate	15.95	149	795117	42.10	ng		98
74) Fluoranthene	16.75	202	708466	42.38	ng		99
76) Benzidine	16.98	184	33344	12.23	ng	#	92
77) Pyrene	17.05	202	685310	48.59	ng		98
79) Butylbenzylphthalate	17.96	149	288311	43.95	ng	#	87
80) Benzo(a)anthracene	18.63	228	498501	45.42	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	87672	23.13	ng	#	95
82) Chrysene	18.67	228	463289	43.65	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	401341	42.94	ng	#	99
84) Di-n-octyl phthalate	19.48	149	649328	42.37	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	444724	51.60	ng		98
87) Benzo(b)fluoranthene	19.90	252	491007	44.91	ng		98
88) Benzo(k)fluoranthene	19.93	252	432797	41.04	ng	#	94
89) Benzo(a)pyrene	20.25	252	444126	44.03	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	357168	42.87	ng		98
91) Benzo(g,h,i)perylene	21.97	276	363538	44.47	ng		96

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

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