Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094137.D
Acq On : 3 Apr 2017 22:45
Operator : SJ/MA
Sample : I2493-12MSD 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SP08-COMPMSD

Quant Time: Apr 04 02:21:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	143471	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	543898	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	216153	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	318897	20.00	ng		-0.02
75) Chrysene-d12	14.62	240	259273	20.00	ng		0.00
86) Perylene-d12	16.26	264	190090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	300630	35.39	ng		-0.02
7) Phenol-d6	5.49	99	364593	34.70	ng		-0.02
23) Nitrobenzene-d5	6.53	82	188812	19.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	49789	29.15	ng		-0.02
44) 2-Fluorobiphenyl	8.72	172	413332	29.17	ng		-0.02
78) Terphenyl-d14	13.34	244	245972	21.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	35838	8.78	ng		98
3) Pyridine	2.73	79	112343	10.10	ng		97
4) n-Nitrosodimethylamine	2.67	42	51294	11.21	ng	#	88
6) Aniline	5.50	93	97462	6.67	ng	#	5
8) 2-Chlorophenol	5.65	128	111652	11.96	ng		97
9) Benzaldehyde	5.38	77	69467	9.79	ng		96
10) Phenol	5.50	94	143467	12.00	ng		83
11) bis(2-Chloroethyl)ether	5.59	93	109504	11.72	ng		96
12) 1,3-Dichlorobenzene	5.82	146	122630	11.71	ng		99
13) 1,4-Dichlorobenzene	5.91	146	126114	11.89	ng		97
14) 1,2-Dichlorobenzene	6.08	146	117838	12.06	ng		96
15) Benzyl Alcohol	6.05	79	95703	12.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.22	45	149174	10.36	ng		96
17) 2-Methylphenol	6.20	107	91206	11.41	ng		94
18) Hexachloroethane	6.47	117	28133	7.55	ng	#	79
19) n-Nitroso-di-n-propylamine	6.36	70	81311	12.04	ng		96
20) 3+4-Methylphenols	6.38	107	119525	12.34	ng	#	62
22) Acetophenone	6.36	105	166070	13.70	ng	#	85
24) Nitrobenzene	6.55	77	96579	10.27	ng		100
25) Isophorone	6.84	82	194230	11.60	ng		97
26) 2-Nitrophenol	6.93	139	9411	2.10	ng	#	90
27) 2,4-Dimethylphenol	7.00	122	95766	12.40	ng		98
28) bis(2-Chloroethoxy)methane	7.10	93	129911	11.76	ng		97
29) 2,4-Dichlorophenol	7.23	162	78793	10.91	ng		98
30) 1,2,4-Trichlorobenzene	7.33	180	92627	12.45	ng		99
31) Naphthalene	7.42	128	346639	13.25	ng		99
33) 4-Chloroaniline	7.49	127	77380	7.30	ng	#	92
34) Hexachlorobutadiene	7.57	225	46904	12.30	ng		99
35) Caprolactam	7.89	113	22244	9.66	ng		95
36) 4-Chloro-3-methylphenol	8.10	107	78287	10.37	ng		93
37) 2-Methylnaphthalene	8.26	142	242330	13.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	81905	13.85	ng		99
42) 2,4,6-Trichlorophenol	8.62	196	45959	10.99	ng		98
43) 2,4,5-Trichlorophenol	8.66	196	43459	9.60	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	8.83	154	240467	13.79	ng		97
46) 2-Chloronaphthalene	8.85	162	182203	13.35	ng		96
47) 2-Nitroaniline	8.97	65	40606	10.03	ng		94
48) Acenaphthylene	9.36	152	284234	12.53	ng		98
49) Dimethylphthalate	9.21	163	249810	16.26	ng		99
50) 2,6-Dinitrotoluene	9.28	165	16380	4.65	ng	#	79
51) Acenaphthene	9.57	154	169130	12.78	ng		99
52) 3-Nitroaniline	9.48	138	40937	9.90	ng		94
54) Dibenzofuran	9.79	168	245157	13.61	ng		97
55) 4-Nitrophenol	9.73	139	33826	10.44	ng	#	75
56) 2,4-Dinitrotoluene	9.77	165	18447	4.17	ng	#	70
57) Fluorene	10.21	166	189560	12.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	31923	10.28	ng		96
59) Diethylphthalate	10.09	149	197007	12.97	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	81164	12.75	ng		90
61) 4-Nitroaniline	10.23	138	40602	10.23	ng		95
62) Azobenzene	10.41	77	169598	11.81	ng		93
65) n-Nitrosodiphenylamine	10.36	169	157205	14.25	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	42214	13.46	ng		99
67) Hexachlorobenzene	10.89	284	40225	12.67	ng	#	86
68) Atrazine	11.03	200	37712	11.42	ng		96
69) Pentachlorophenol	11.13	266	27119	13.72	ng		98
70) Phenanthrene	11.39	178	327410	18.46	ng		97
71) Anthracene	11.45	178	262022	14.35	ng		99
72) Carbazole	11.65	167	210922	11.26	ng		98
73) Di-n-butylphthalate	12.10	149	287411	14.76	ng		99
74) Fluoranthene	12.86	202	406581	22.38	ng		98
77) Pyrene	13.13	202	399649	21.24	ng		97
79) Butylbenzylphthalate	13.95	149	193458	24.13	ng	#	83
80) Benzo(a)anthracene	14.61	228	288224	19.06	ng		100
81) 3,3'-Dichlorobenzidine	14.58	252	12953	2.40	ng	#	76
82) Chrysene	14.65	228	262346	18.70	ng		98
83) Bis(2-ethylhexyl)phthalate	14.67	149	268783	24.57	ng	#	99
84) Di-n-octyl phthalate	15.43	149	245000	13.41	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.60	276	192010	15.80	ng		99
87) Benzo(b)fluoranthene	15.84	252	291978	25.06	ng	#	93
88) Benzo(k)fluoranthene	15.87	252	173060	15.18	ng		98
89) Benzo(a)pyrene	16.19	252	218559	20.37	ng	#	92
90) Dibenzo(a,h)anthracene	17.62	278	115519	12.71	ng	#	93
91) Benzo(g,h,i)perylene	18.00	276	189710	20.72	ng		96

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

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