Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086354.D
Acq On : 22 Apr 2016 19:54
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
4/25/2016 12:35:34 PM

Quant Time: Apr 22 23:54:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	192745	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	851139	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	413524	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	750219m	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	673451	20.00	ng		0.00
86) Perylene-d12	15.41	264	639121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	233880	21.17	ng		0.00
7) Phenol-d6	6.46	99	339136	23.30	ng		-0.01
23) Nitrobenzene-d5	7.40	82	318146	21.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	83223	25.27	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	598290	24.01	ng		0.00
78) Terphenyl-d14	12.95	244	613956	22.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	60192	10.11	ng		97
3) Pyridine	3.17	79	118697	7.67	ng		93
4) n-Nitrosodimethylamine	3.08	42	38396	7.30	ng	#	98
6) Aniline	6.50	93	186956	9.65	ng		95
8) 2-Chlorophenol	6.62	128	148408	11.25	ng		93
9) Benzaldehyde	6.38	77	106882	10.53	ng		97
10) Phenol	6.48	94	209687	12.51	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	166344	11.49	ng		91
12) 1,3-Dichlorobenzene	6.78	146	150615	10.46	ng		99
13) 1,4-Dichlorobenzene	6.86	146	167768	10.87	ng		98
14) 1,2-Dichlorobenzene	7.01	146	171619	12.47	ng		96
15) Benzyl Alcohol	6.99	79	80021	8.91	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	227979	11.32	ng		95
17) 2-Methylphenol	7.09	107	116939	10.65	ng		96
18) Hexachloroethane	7.36	117	60452	13.08	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	103570	11.80	ng		98
20) 3+4-Methylphenols	7.25	107	133377	11.17	ng	#	88
22) Acetophenone	7.25	105	206597	11.51	ng	#	88
24) Nitrobenzene	7.42	77	167713	10.57	ng		92
25) Isophorone	7.66	82	309830	11.04	ng	#	93
26) 2-Nitrophenol	7.74	139	78589	11.02	ng		95
27) 2,4-Dimethylphenol	7.78	122	124101	8.96	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	164915	10.13	ng		99
29) 2,4-Dichlorophenol	7.98	162	117130	10.62	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	123434	10.42	ng		96
31) Naphthalene	8.14	128	477461	11.70	ng		99
32) Benzoic acid	7.85	122	65527m	7.96	ng		
33) 4-Chloroaniline	8.20	127	168028	9.94	ng		98
34) Hexachlorobutadiene	8.27	225	68975	11.57	ng		97
35) Caprolactam	8.53	113	36413	10.21	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	138903	11.13	ng		94
37) 2-Methylnaphthalene	8.84	142	288508	11.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	119261	10.88	ng		99
40) Hexachlorocyclopentadiene	8.99	237	51725	19.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	73920	9.73	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	87157	10.47	ng	#	85
45) 1,1'-Biphenyl	9.30	154	363142	11.22	ng		96
46) 2-Chloronaphthalene	9.32	162	282589	11.50	ng		94
47) 2-Nitroaniline	9.42	65	79481	9.52	ng		97
48) Acenaphthylene	9.73	152	468876	12.07	ng		98
49) Dimethylphthalate	9.60	163	324982	10.32	ng		99
50) 2,6-Dinitrotoluene	9.66	165	70825	10.92	ng	#	72
51) Acenaphthene	9.92	154	283783	12.33	ng		98
52) 3-Nitroaniline	9.84	138	82935	10.04	ng		98
53) 2,4-Dinitrophenol	9.94	184	21458	14.19	ng	#	43
54) Dibenzofuran	10.09	168	362224	11.72	ng		97
55) 4-Nitrophenol	10.00	139	44212	8.43	ng		98
56) 2,4-Dinitrotoluene	10.06	165	95875	11.79	ng	#	78
57) Fluorene	10.43	166	316084	13.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69956m	12.42	ng		
59) Diethylphthalate	10.30	149	313365	10.24	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	140572	13.20	ng		95
61) 4-Nitroaniline	10.44	138	86794	10.99	ng		98
62) Azobenzene	10.58	77	318528	10.52	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	38426	15.47	ng	#	59
65) n-Nitrosodiphenylamine	10.53	169	262456	10.82	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	84022	10.54	ng		94
67) Hexachlorobenzene	10.97	284	89202	11.12	ng	#	67
68) Atrazine	11.06	200	78665	10.45	ng		96
69) Pentachlorophenol	11.16	266	46053	10.74	ng		96
70) Phenanthrene	11.38	178	431050	12.11	ng		100
71) Anthracene	11.44	178	509220	13.25	ng		100
72) Carbazole	11.60	167	458466	12.52	ng		98
73) Di-n-butylphthalate	11.93	149	512937	11.31	ng		99
74) Fluoranthene	12.57	202	479871	14.17	ng		97
76) Benzidine	12.71	184	286106	9.63	ng		97
77) Pyrene	12.80	202	496793	10.03	ng		99
79) Butylbenzylphthalate	13.43	149	205097	7.96	ng		95
80) Benzo(a)anthracene	13.99	228	362751	10.26	ng		97
81) 3,3'-Dichlorobenzidine	13.95	252	269263	10.94	ng	#	97
82) Chrysene	14.02	228	446860	11.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	262909	8.79	ng		98
84) Di-n-octyl phthalate	14.59	149	488575	8.98	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	374643	9.76	ng		99
87) Benzo(b)fluoranthene	15.00	252	338089m	8.90	ng		
88) Benzo(k)fluoranthene	15.03	252	429649m	13.99	ng		
89) Benzo(a)pyrene	15.35	252	370472	10.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	304223	10.36	ng		98
91) Benzo(g,h,i)perylene	17.20	276	306746	10.81	ng		93

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

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