Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093415.D
Acq On : 7 Mar 2017 12:52
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:28 PM
3/8/2017 1:45:28 PM

Quant Time: Mar 07 13:31:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	223704m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	900901	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	504315	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	745397	20.00	ng		0.00
75) Chrysene-d12	13.93	240	571798	20.00	ng		0.01
86) Perylene-d12	15.33	264	485341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1265850	97.08	ng		0.00
7) Phenol-d6	6.42	99	1565906	93.34	ng		0.01
23) Nitrobenzene-d5	7.34	82	1635394	101.09	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	284543	78.01	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	2356024	84.64	ng		0.00
78) Terphenyl-d14	12.87	244	1974963	81.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	349135	49.55	ng	#	84
3) Pyridine	2.97	79	1032357	57.62	ng		90
4) n-Nitrosodimethylamine	2.95	42	468545	55.70	ng		87
6) Aniline	6.44	93	1084357	47.38	ng		94
8) 2-Chlorophenol	6.55	128	710063	49.36	ng		94
9) Benzaldehyde	6.31	77	457865	38.09	ng		90
10) Phenol	6.44	94	1006724	51.29	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	786326	50.19	ng		92
12) 1,3-Dichlorobenzene	6.70	146	792881m	47.06	ng		
13) 1,4-Dichlorobenzene	6.78	146	818661m	48.01	ng		
14) 1,2-Dichlorobenzene	6.94	146	722378	44.30	ng		94
15) Benzyl Alcohol	6.93	79	557366	44.87	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1350113	49.60	ng		91
17) 2-Methylphenol	7.04	107	610893m	49.50	ng		
18) Hexachloroethane	7.27	117	299487	51.45	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	512437	47.98	ng		94
20) 3+4-Methylphenols	7.20	107	766071	51.92	ng	#	76
22) Acetophenone	7.19	105	1009903	49.10	ng	#	98
24) Nitrobenzene	7.36	77	872958	52.55	ng		97
25) Isophorone	7.60	82	1603084	53.18	ng		96
26) 2-Nitrophenol	7.67	139	404557	51.23	ng		90
27) 2,4-Dimethylphenol	7.73	122	656252	47.32	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	966276	48.40	ng		99
29) 2,4-Dichlorophenol	7.92	162	612014	47.32	ng		89
30) 1,2,4-Trichlorobenzene	7.99	180	650114	46.64	ng		93
31) Naphthalene	8.07	128	1991740	43.61	ng		100
32) Benzoic acid	7.90	122	393306	55.91	ng		97
33) 4-Chloroaniline	8.14	127	893047	49.86	ng	#	93
34) Hexachlorobutadiene	8.18	225	334228	43.58	ng		99
35) Caprolactam	8.54	113	228292	56.11	ng	#	70
36) 4-Chloro-3-methylphenol	8.63	107	632233	46.89	ng		98
37) 2-Methylnaphthalene	8.77	142	1395467	47.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	608424	42.98	ng		99
40) Hexachlorocyclopentadiene	8.92	237	147490	23.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	405487	43.59	ng		92
43) 2,4,5-Trichlorophenol	9.10	196	431510	42.34	ng		95
45) 1,1'-Biphenyl	9.24	154	1664092	45.57	ng		98
46) 2-Chloronaphthalene	9.26	162	1351091	47.30	ng		98
47) 2-Nitroaniline	9.36	65	438465	45.65	ng		95
48) Acenaphthylene	9.67	152	2056740	41.68	ng		99
49) Dimethylphthalate	9.53	163	1530128	45.05	ng		98
50) 2,6-Dinitrotoluene	9.61	165	384667	52.44	ng	#	87
51) Acenaphthene	9.84	154	1231070	41.72	ng		97
52) 3-Nitroaniline	9.78	138	449996	53.60	ng	#	76
53) 2,4-Dinitrophenol	9.90	184	166627	50.87	ng	#	77
54) Dibenzofuran	10.01	168	1574937	39.91	ng		95
55) 4-Nitrophenol	9.97	139	213770	35.35	ng	#	79
56) 2,4-Dinitrotoluene	10.01	165	373847	38.28	ng	#	69
57) Fluorene	10.36	166	1305844	43.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	303366	44.62	ng		98
59) Diethylphthalate	10.23	149	1259551	39.35	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	586330	40.20	ng		87
61) 4-Nitroaniline	10.40	138	443072	51.53	ng		86
62) Azobenzene	10.50	77	1570023	47.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	256768	66.58	ng		91
65) n-Nitrosodiphenylamine	10.47	169	1161079	48.76	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	388547	49.89	ng	#	82
67) Hexachlorobenzene	10.90	284	370448	48.14	ng		97
68) Atrazine	11.00	200	327499	42.86	ng		100
69) Pentachlorophenol	11.11	266	143719	43.24	ng		98
70) Phenanthrene	11.32	178	1940033	45.43	ng		99
71) Anthracene	11.36	178	1876298	43.75	ng		99
72) Carbazole	11.52	167	1922941	46.91	ng		100
73) Di-n-butylphthalate	11.85	149	2239423	50.51	ng	#	96
74) Fluoranthene	12.51	202	2035515	46.21	ng		92
76) Benzidine	12.62	184	834735	34.26	ng		97
77) Pyrene	12.73	202	2081491	48.64	ng		99
79) Butylbenzylphthalate	13.34	149	851045	48.98	ng		98
80) Benzo(a)anthracene	13.92	228	1659331	47.45	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	561313	45.03	ng		100
82) Chrysene	13.96	228	1511987	46.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	1253724	52.76	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1977089	51.09	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	1224979	48.30	ng	#	93
87) Benzo(b)fluoranthene	14.94	252	1414055m	44.26	ng		
88) Benzo(k)fluoranthene	14.96	252	1301161m	47.17	ng		
89) Benzo(a)pyrene	15.28	252	1292402	46.77	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	1043064	46.71	ng		97
91) Benzo(g,h,i)perylene	17.11	276	1115723	49.45	ng	#	88

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

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