Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085053.D
Acq On : 12 Feb 2016 19:13
Operator : SJ/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
2/15/2016 4:42:51 PM

Quant Time: Feb 12 23:56:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	166386	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	729055	20.00	ng	-0.01
38) Acenaphthene-d10	10.58	164	335419	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	614558	20.00	ng	0.00
75) Chrysene-d12	17.18	240	436376	20.00	ng	0.00
86) Perylene-d12	18.80	264	293001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.17	112	503406m	47.93	ng	0.01
7) Phenol-d6	5.45	99	651396	48.65	ng	0.01
23) Nitrobenzene-d5	6.71	82	614764	47.81	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	178886	51.18	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1184996	51.93	ng	0.00
78) Terphenyl-d14	15.62	244	1046873	53.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	94071	20.35	ng	97
3) Pyridine	2.44	79	220367	18.45	ng	94
4) n-Nitrosodimethylamine	2.42	42	102692	16.89	ng	98
6) Aniline	5.46	93	352091	21.96	ng	93
8) 2-Chlorophenol	5.60	128	301185	24.95	ng	98
9) Benzaldehyde	5.30	77	192985	25.08	ng	92
10) Phenol	5.46	94	365774	24.14	ng	86
11) bis(2-Chloroethyl)ether	5.53	93	332698	27.88	ng	98
12) 1,3-Dichlorobenzene	5.79	146	291651	22.85	ng	99
13) 1,4-Dichlorobenzene	5.91	146	315003	24.46	ng	97
14) 1,2-Dichlorobenzene	6.11	146	306996	25.81	ng	100
15) Benzyl Alcohol	6.15	79	186708m	20.61	ng	
16) 2,2'-oxybis(1-Chloropropan	6.30	45	495509	25.20	ng	98
17) 2-Methylphenol	6.34	107	201039	21.60	ng	94
18) Hexachloroethane	6.58	117	119477	24.30	ng	87
19) n-Nitroso-di-n-propylamine	6.50	70	199236	23.79	ng	95
20) 3+4-Methylphenols	6.57	107	258603	22.15	ng	96
22) Acetophenone	6.50	105	454730	23.61	ng	99
24) Nitrobenzene	6.74	77	332514	23.70	ng	99
25) Isophorone	7.10	82	547479	22.07	ng	97
26) 2-Nitrophenol	7.22	139	162577	23.79	ng	96
27) 2,4-Dimethylphenol	7.35	122	254985	21.53	ng	98
28) bis(2-Chloroethoxy)methane	7.47	93	334220	22.47	ng	99
29) 2,4-Dichlorophenol	7.63	162	237079	23.53	ng	98
30) 1,2,4-Trichlorobenzene	7.70	180	271150	23.61	ng	100
31) Naphthalene	7.82	128	881401	23.97	ng	99
32) Benzoic acid	7.61	122	102088	14.07	ng	94
33) 4-Chloroaniline	7.96	127	341742	22.56	ng	99
34) Hexachlorobutadiene	8.01	225	154010	23.39	ng	98
35) Caprolactam	8.54	113	64584	21.47	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	264887	22.69	ng	95
37) 2-Methylnaphthalene	8.92	142	546533	24.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	266167	24.45	ng	98
40) Hexachlorocyclopentadiene	9.16	237	75316	20.08	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	151773	22.40	ng		98
43) 2,4,5-Trichlorophenol	9.50	196	170522	24.26	ng		98
45) 1,1'-Biphenyl	9.68	154	765959	25.42	ng		99
46) 2-Chloronaphthalene	9.70	162	540897	24.41	ng		99
47) 2-Nitroaniline	9.93	65	165385	23.26	ng		98
48) Acenaphthylene	10.35	152	865402	25.64	ng		100
49) Dimethylphthalate	10.23	163	625761	24.52	ng		99
50) 2,6-Dinitrotoluene	10.32	165	133469	24.22	ng		94
51) Acenaphthene	10.64	154	524350	24.13	ng		99
52) 3-Nitroaniline	10.62	138	147320	23.49	ng		96
53) 2,4-Dinitrophenol	10.80	184	35911	16.59	ng		92
54) Dibenzofuran	10.92	168	695827	25.91	ng		99
55) 4-Nitrophenol	11.04	139	85519	19.41	ng		95
56) 2,4-Dinitrotoluene	10.98	165	176149	24.59	ng	#	96
57) Fluorene	11.47	166	599725	26.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.16	232	136952	25.13	ng		98
59) Diethylphthalate	11.37	149	607289	24.13	ng		99
60) 4-Chlorophenyl-phenylether	11.51	204	289364	26.78	ng		100
61) 4-Nitroaniline	11.62	138	135761	22.37	ng		98
62) Azobenzene	11.76	77	602410	24.98	ng		98
64) 4,6-Dinitro-2-methylphenol	11.63	198	75288	20.43	ng		91
65) n-Nitrosodiphenylamine	11.71	169	490498	25.45	ng		98
66) 4-Bromophenyl-phenylether	12.30	248	173140	25.67	ng		98
67) Hexachlorobenzene	12.35	284	183581	24.70	ng		90
68) Atrazine	12.63	200	144117	23.40	ng		95
69) Pentachlorophenol	12.72	266	63206	18.84	ng		99
70) Phenanthrene	13.03	178	857148	24.97	ng		98
71) Anthracene	13.11	178	883844	25.91	ng		98
72) Carbazole	13.43	167	735119	24.84	ng		99
73) Di-n-butylphthalate	14.03	149	945066	24.66	ng		99
74) Fluoranthene	14.96	202	853487	24.95	ng		99
76) Benzidine	15.26	184	212103	17.84	ng		99
77) Pyrene	15.31	202	866955	26.01	ng		100
79) Butylbenzylphthalate	16.45	149	365640	24.38	ng		95
80) Benzo(a)anthracene	17.15	228	651182	24.23	ng		100
81) 3,3'-Dichlorobenzidine	17.17	252	190367	20.82	ng		97
82) Chrysene	17.21	228	598989	23.15	ng		98
83) Bis(2-ethylhexyl)phthalate	17.27	149	490813	25.94	ng		99
84) Di-n-octyl phthalate	18.02	149	679893	22.29	ng		100
85) Indeno(1,2,3-cd)pyrene	20.09	276	469330	22.81	ng		99
87) Benzo(b)fluoranthene	18.40	252	528939m	26.79	ng		
88) Benzo(k)fluoranthene	18.43	252	354357m	21.95	ng		
89) Benzo(a)pyrene	18.73	252	407776	24.45	ng	#	96
90) Dibenzo(a,h)anthracene	20.10	278	386365	26.85	ng		99
91) Benzo(g,h,i)perylene	20.47	276	395373	27.27	ng		99

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

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