Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085158.D
Acq On : 3 Mar 2016 16:06
Operator : SJ/UM
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:20 PM

Quant Time: Mar 04 00:29:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	181923	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	744666	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	349177	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	639673	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	476149	20.00	ng		-0.01
86) Perylene-d12	15.61	264	342138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	617779	55.47	ng		0.00
7) Phenol-d6	6.60	99	719837	49.35	ng		-0.01
23) Nitrobenzene-d5	7.54	82	743971	53.34	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	143994	42.21	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1113190	47.27	ng		-0.01
78) Terphenyl-d14	13.09	244	1076786	52.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	137187	24.85	ng		99
3) Pyridine	3.44	79	368423	26.28	ng		100
4) n-Nitrosodimethylamine	3.37	42	153182	23.98	ng		94
6) Aniline	6.64	93	521539	25.20	ng		94
8) 2-Chlorophenol	6.76	128	326145	25.24	ng		90
9) Benzaldehyde	6.53	77	210603	27.76	ng		95
10) Phenol	6.61	94	383966m	23.72	ng		
11) bis(2-Chloroethyl)ether	6.71	93	337773	26.09	ng		96
12) 1,3-Dichlorobenzene	6.92	146	352233m	25.45	ng		
13) 1,4-Dichlorobenzene	7.00	146	368091	26.16	ng		98
14) 1,2-Dichlorobenzene	7.16	146	332456	26.50	ng		95
15) Benzyl Alcohol	7.11	79	256298	24.00	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.26	45	488046	25.65	ng		99
17) 2-Methylphenol	7.22	107	281618	26.10	ng		98
18) Hexachloroethane	7.50	117	137925	26.39	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	225830	23.66	ng	#	85
20) 3+4-Methylphenols	7.37	107	339341	26.37	ng	#	86
22) Acetophenone	7.38	105	455044	24.25	ng	#	95
24) Nitrobenzene	7.56	77	333432	22.85	ng		95
25) Isophorone	7.80	82	624595	23.41	ng		97
26) 2-Nitrophenol	7.88	139	171068	26.20	ng	#	70
27) 2,4-Dimethylphenol	7.91	122	337128	26.73	ng		97
28) bis(2-Chloroethoxy)methane	8.01	93	399789	27.02	ng		98
29) 2,4-Dichlorophenol	8.12	162	272012	26.35	ng		93
30) 1,2,4-Trichlorobenzene	8.21	180	296414	26.23	ng		97
31) Naphthalene	8.29	128	1004722	26.82	ng		99
32) Benzoic acid	8.00	122	188268	30.28	ng		97
33) 4-Chloroaniline	8.33	127	417894	28.08	ng	#	93
34) Hexachlorobutadiene	8.40	225	139992	21.84	ng		97
35) Caprolactam	8.69	113	82077	25.19	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	282864	24.73	ng		95
37) 2-Methylnaphthalene	8.97	142	577800	24.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	277365	26.17	ng		98
40) Hexachlorocyclopentadiene	9.13	237	142930	23.95	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	175958	24.43	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	180196	26.12	ng	#	85
45) 1,1'-Biphenyl	9.44	154	826668	27.21	ng		97
46) 2-Chloronaphthalene	9.46	162	557030	24.83	ng		93
47) 2-Nitroaniline	9.56	65	186401	26.58	ng		93
48) Acenaphthylene	9.89	152	921460	27.25	ng		96
49) Dimethylphthalate	9.74	163	699164	26.94	ng		100
50) 2,6-Dinitrotoluene	9.80	165	134040	24.89	ng	#	80
51) Acenaphthene	10.06	154	579561	27.40	ng		98
52) 3-Nitroaniline	9.97	138	183185	28.76	ng		92
53) 2,4-Dinitrophenol	10.07	184	55909	31.62	ng	#	42
54) Dibenzofuran	10.22	168	713409	25.91	ng		96
55) 4-Nitrophenol	10.12	139	144683	29.32	ng		99
56) 2,4-Dinitrotoluene	10.20	165	178347	24.63	ng		89
57) Fluorene	10.56	166	597221	27.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	121791	23.64	ng		99
59) Diethylphthalate	10.44	149	671415	27.17	ng		96
60) 4-Chlorophenyl-phenylether	10.56	204	296338	26.72	ng		92
61) 4-Nitroaniline	10.57	138	147678	24.94	ng		100
62) Azobenzene	10.72	77	700556	27.98	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	96343	29.70	ng		99
65) n-Nitrosodiphenylamine	10.68	169	547461	27.44	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	166570	24.81	ng	#	86
67) Hexachlorobenzene	11.11	284	158822	21.28	ng	#	59
68) Atrazine	11.20	200	174232	28.98	ng		95
69) Pentachlorophenol	11.30	266	101696	23.51	ng		99
70) Phenanthrene	11.53	178	942808	29.35	ng		97
71) Anthracene	11.58	178	909038	25.56	ng		99
72) Carbazole	11.73	167	770415	24.77	ng		99
73) Di-n-butylphthalate	12.06	149	987209	26.76	ng		100
74) Fluoranthene	12.71	202	860684	24.76	ng		94
76) Benzidine	12.84	184	407548	27.08	ng		99
77) Pyrene	12.94	202	902732	26.62	ng		99
79) Butylbenzylphthalate	13.56	149	400221	27.98	ng		95
80) Benzo(a)anthracene	14.13	228	695684	24.84	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	245038	27.93	ng	#	96
82) Chrysene	14.16	228	627839	24.10	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	562997	33.59	ng		99
84) Di-n-octyl phthalate	14.72	149	814790	32.02	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	495208	22.56	ng		99
87) Benzo(b)fluoranthene	15.18	252	526528	24.77	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	539077m	30.38	ng		
89) Benzo(a)pyrene	15.55	252	486258	27.40	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	416989	26.14	ng		99
91) Benzo(g,h,i)perylene	17.53	276	414774	25.54	ng		95

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

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