Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096370.D
Acq On : 1 Jul 2017 11:08
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
mohammad
7/3/2017 3:57:21 PM

Quant Time: Jul 02 09:08:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 13:03:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153054	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	649435	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	290470	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	503091	20.00	ng		0.00
75) Chrysene-d12	13.87	240	426203	20.00	ng		0.00
86) Perylene-d12	15.29	264	372568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	59692	5.62	ng		0.00
7) Phenol-d6	6.36	99	75001	5.83	ng		-0.02
23) Nitrobenzene-d5	7.29	82	59402	6.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	13369	5.85	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.83	244	115629	6.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	12223	2.412	ng	#	70
3) Pyridine	3.16	79	33925	2.441	ng	#	69
4) n-Nitrosodimethylamine	3.05	42	16667	2.424	ng	#	94
6) Aniline	6.39	93	47471	2.677	ng		99
8) 2-Chlorophenol	6.52	128	31919	3.062	ng		94
9) Benzaldehyde	6.27	77	23448	3.021	ng		90
10) Phenol	6.37	94	43243	3.058	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	31408	2.714	ng		94
12) 1,3-Dichlorobenzene	6.67	146	33284	2.897	ng		96
13) 1,4-Dichlorobenzene	6.75	146	32802	2.844	ng		92
14) 1,2-Dichlorobenzene	6.90	146	32187	3.064	ng		92
15) Benzyl Alcohol	6.87	79	24290	2.798	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	63254	2.588	ng		93
17) 2-Methylphenol	6.99	107	23747	2.627	ng		92
18) Hexachloroethane	7.25	117	11490	2.762	ng	#	81
19) n-Nitroso-di-n-propylamine	7.14	70	21874	2.838	ng	#	79
22) Acetophenone	7.13	105	44026	3.262	ng	#	97
24) Nitrobenzene	7.30	77	30735	2.959	ng		98
25) Isophorone	7.55	82	57419	2.695	ng		96
26) 2-Nitrophenol	7.63	139	14695	3.391	ng	#	85
27) 2,4-Dimethylphenol	7.67	122	28093	2.918	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	38850	2.692	ng		99
29) 2,4-Dichlorophenol	7.87	162	24224	2.950	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	23373	2.868	ng	#	93
31) Naphthalene	8.04	128	90496	2.891	ng		100
33) 4-Chloroaniline	8.08	127	36625	2.827	ng		97
34) Hexachlorobutadiene	8.16	225	12067	2.985	ng		95
35) Caprolactam	8.40	113	8214	2.895	ng	#	57
36) 4-Chloro-3-methylphenol	8.56	107	27099	3.034	ng		91
37) 2-Methylnaphthalene	8.73	142	57444	2.825	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	22899	3.257	ng		98
40) Hexachlorocyclopentadiene	8.89	237	7847	2.490	ng		88
42) 2,4,6-Trichlorophenol	9.00	196	16345	3.084	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	15744	2.818	ng		96

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 13:03:35 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.19	154	76163	3.417	ng		96
46) 2-Chloronaphthalene	9.21	162	54861	2.967	ng	#	93
47) 2-Nitroaniline	9.30	65	17123	2.933	ng		88
48) Acenaphthylene	9.63	152	86031	2.804	ng		96
49) Dimethylphthalate	9.49	163	63639	3.061	ng		99
50) 2,6-Dinitrotoluene	9.55	165	12373	2.861	ng		93
51) Acenaphthene	9.80	154	53693	2.974	ng		97
52) 3-Nitroaniline	9.70	138	16042	2.897	ng		93
54) Dibenzofuran	9.97	168	73025	3.098	ng		97
55) 4-Nitrophenol	9.87	139	12723	2.841	ng	#	70
56) 2,4-Dinitrotoluene	9.95	165	15479	2.840	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	10.09	232	10989	2.816	ng	#	98
59) Diethylphthalate	10.19	149	60295	2.889	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	24597	3.539	ng		89
61) 4-Nitroaniline	10.31	138	15051	3.124	ng		86
62) Azobenzene	10.46	77	57041	2.710	ng		96
65) n-Nitrosodiphenylamine	10.42	169	51699	2.857	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	13536	2.615	ng		97
67) Hexachlorobenzene	10.86	284	15130	2.843	ng	#	80
68) Atrazine	10.95	200	14394	3.015	ng		96
69) Pentachlorophenol	11.05	266	6705	2.207	ng		96
70) Phenanthrene	11.27	178	83934	3.088	ng		97
71) Anthracene	11.32	178	82477	2.934	ng		99
72) Carbazole	11.47	167	83644	2.695	ng		96
73) Di-n-butylphthalate	11.82	149	101279	3.090	ng		98
74) Fluoranthene	12.45	202	81311	2.910	ng		97
76) Benzidine	12.57	184	54310	3.399	ng	#	91
77) Pyrene	12.68	202	85838	2.451	ng		98
79) Butylbenzylphthalate	13.30	149	42818	2.668	ng	#	80
80) Benzo(a)anthracene	13.86	228	69938	2.692	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	26498	2.678	ng	#	93
82) Chrysene	13.90	228	70557	2.626	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	55236	3.167	ng		97
84) Di-n-octyl phthalate	14.47	149	101796	2.833	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.64	276	56146	2.517	ng	#	87
87) Benzo(b)fluoranthene	14.88	252	61902m	2.529	ng		
88) Benzo(k)fluoranthene	14.91	252	61822	2.767	ng		96
89) Benzo(a)pyrene	15.22	252	58806	2.720	ng	#	96
90) Dibenzo(a,h)anthracene	16.66	278	45972	2.716	ng	#	90
91) Benzo(g,h,i)perylene	17.05	276	46561	2.646	ng		94

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

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