Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096779.D
Acq On : 14 Jul 2017 18:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 14 23:49:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	97459	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	415530	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	207146	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	348546	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	221296	20.00	ng		0.00
86) Perylene-d12	15.14	264	192847	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	531098	81.94	ng		-0.01
7) Phenol-d6	6.27	99	598713	76.97	ng		-0.01
23) Nitrobenzene-d5	7.19	82	525158	78.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.45	330	141816	80.21	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	983774	75.03	ng		-0.01
78) Terphenyl-d14	12.72	244	895399	70.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	126275	37.861	ng	#	73
3) Pyridine	2.88	79	277490	39.589	ng	#	61
4) n-Nitrosodimethylamine	2.83	42	159228	40.622	ng	#	76
6) Aniline	6.29	93	373621	38.995	ng	#	39
8) 2-Chlorophenol	6.41	128	272789	39.011	ng		95
9) Benzaldehyde	6.17	77	159795	35.543	ng		99
10) Phenol	6.29	94	335454	38.150	ng	#	65
11) bis(2-Chloroethyl)ether	6.37	93	251134	37.980	ng		95
12) 1,3-Dichlorobenzene	6.57	146	287595	38.692	ng		98
13) 1,4-Dichlorobenzene	6.65	146	291259	38.694	ng		97
14) 1,2-Dichlorobenzene	6.80	146	272116	39.745	ng		97
15) Benzyl Alcohol	6.77	79	205169	40.289	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	520222	38.122	ng		92
17) 2-Methylphenol	6.89	107	210765	38.761	ng		97
18) Hexachloroethane	7.14	117	104110	39.005	ng	#	83
19) n-Nitroso-di-n-propylamine	7.05	70	175658	37.485	ng	#	85
20) 3+4-Methylphenols	7.05	107	256475	38.869	ng	#	68
22) Acetophenone	7.04	105	358856	38.640	ng		98
24) Nitrobenzene	7.21	77	271769	39.170	ng		94
25) Isophorone	7.46	82	484631	38.834	ng	#	93
26) 2-Nitrophenol	7.53	139	154800	40.126	ng	#	86
27) 2,4-Dimethylphenol	7.57	122	247091	38.932	ng		97
28) bis(2-Chloroethoxy)methane	7.67	93	321624	38.139	ng		100
29) 2,4-Dichlorophenol	7.77	162	228476	39.769	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	215191	39.396	ng		98
31) Naphthalene	7.93	128	781838	39.718	ng		99
32) Benzoic acid	7.72	122	179047	44.139	ng		94
33) 4-Chloroaniline	7.98	127	322648	41.370	ng		98
34) Hexachlorobutadiene	8.06	225	116441	39.932	ng		98
35) Caprolactam	8.36	113	77671	42.194	ng	#	64
36) 4-Chloro-3-methylphenol	8.47	107	277460	44.916	ng		90
37) 2-Methylnaphthalene	8.62	142	551208	43.923	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	213109	38.058	ng		99
40) Hexachlorocyclopentadiene	8.78	237	77845	39.643	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	163402	39.560	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	168702	40.498	ng		95
45) 1,1'-Biphenyl	9.09	154	693540	39.038	ng		98
46) 2-Chloronaphthalene	9.11	162	495569	37.882	ng		95
47) 2-Nitroaniline	9.20	65	188994	42.029	ng		93
48) Acenaphthylene	9.52	152	813337	39.021	ng		99
49) Dimethylphthalate	9.39	163	604333	38.746	ng		99
50) 2,6-Dinitrotoluene	9.45	165	136929	40.531	ng	#	88
51) Acenaphthene	9.69	154	437535	35.534	ng		97
52) 3-Nitroaniline	9.62	138	167628	41.884	ng		93
53) 2,4-Dinitrophenol	9.73	184	64972	42.309	ng	#	69
54) Dibenzofuran	9.86	168	608363	35.257	ng		98
55) 4-Nitrophenol	9.79	139	115783	39.599	ng	#	75
56) 2,4-Dinitrotoluene	9.85	165	163991	37.775	ng	#	76
57) Fluorene	10.20	166	507427	39.796	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	109554	37.921	ng		99
59) Diethylphthalate	10.09	149	572940	37.733	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	210045	38.190	ng		98
61) 4-Nitroaniline	10.23	138	166939	44.419	ng		91
62) Azobenzene	10.36	77	541086	40.394	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	99491	45.464	ng		87
65) n-Nitrosodiphenylamine	10.32	169	489618	39.298	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	131402	36.926	ng		97
67) Hexachlorobenzene	10.76	284	153063	38.620	ng	#	92
68) Atrazine	10.85	200	143553	40.442	ng		94
69) Pentachlorophenol	10.94	266	85289	44.545	ng		99
70) Phenanthrene	11.16	178	728889	38.460	ng		99
71) Anthracene	11.21	178	766635	40.009	ng		100
72) Carbazole	11.37	167	769786	41.485	ng		99
73) Di-n-butylphthalate	11.71	149	820564	35.508	ng		98
74) Fluoranthene	12.34	202	722033	39.803	ng		98
76) Benzidine	12.46	184	417364	57.569	ng	#	95
77) Pyrene	12.57	202	769925	38.336	ng		99
79) Butylbenzylphthalate	13.20	149	377311	79.080	ng	#	83
80) Benzo(a)anthracene	13.76	228	539935	39.159	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	216968	43.758	ng	#	96
82) Chrysene	13.79	228	540877	39.846	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	392549	33.779	ng		99
84) Di-n-octyl phthalate	14.37	149	704471	36.673	ng		95
85) Indeno(1,2,3-cd)pyrene	16.45	276	421040	34.119	ng		99
87) Benzo(b)fluoranthene	14.76	252	459788	39.532	ng		99
88) Benzo(k)fluoranthene	14.79	252	445354	40.436	ng	#	93
89) Benzo(a)pyrene	15.09	252	425352	39.873	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	335802	34.210	ng		98
91) Benzo(g,h,i)perylene	16.84	276	355075	33.781	ng		98

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

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