Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032889.D
Acq On : 28 Feb 2018 16:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/1/2018 11:30:26 AM

Quant Time: Mar 01 02:22:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	67074	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	315721	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	177788	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	380699	20.00	ng		0.00
75) Chrysene-d12	22.62	240	346948	20.00	ng		-0.01
86) Perylene-d12	26.43	264	373954	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	333041	79.44	ng		0.00
7) Phenol-d6	8.01	99	457058	78.21	ng		0.00
23) Nitrobenzene-d5	10.12	82	406942	88.93	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	152917	81.80	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	922354	74.82	ng		0.00
78) Terphenyl-d14	20.78	244	1124639	72.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	71417	39.250	ng		88
3) Pyridine	4.43	79	206609	41.198	ng		96
4) n-Nitrosodimethylamine	4.33	42	80552	40.063	ng	#	89
6) Aniline	8.21	93	297772	37.644	ng		96
8) 2-Chlorophenol	8.46	128	181557	39.564	ng		93
9) Benzaldehyde	8.02	77	113567	33.719	ng		93
10) Phenol	8.04	94	232004	39.384	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	183853	38.168	ng		93
12) 1,3-Dichlorobenzene	8.80	146	202622	37.698	ng		97
13) 1,4-Dichlorobenzene	8.96	146	203689	37.649	ng		97
14) 1,2-Dichlorobenzene	9.29	146	195938	37.793	ng		98
15) Benzyl Alcohol	9.15	79	164321	38.249	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.44	45	309081	37.325	ng		99
17) 2-Methylphenol	9.34	107	165619	38.127	ng		95
18) Hexachloroethane	10.05	117	72947	39.600	ng	#	87
19) n-Nitroso-di-n-propylamine	9.73	70	156563	37.950	ng	#	96
20) 3+4-Methylphenols	9.68	107	238788	39.535	ng		94
22) Acetophenone	9.76	105	297560	37.319	ng	#	95
24) Nitrobenzene	10.16	77	210801	42.683	ng		90
25) Isophorone	10.69	82	408319	36.847	ng	#	92
26) 2-Nitrophenol	10.89	139	101966	54.631	ng		91
27) 2,4-Dimethylphenol	10.92	122	184376	38.300	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	240267	37.218	ng		97
29) 2,4-Dichlorophenol	11.43	162	172347	39.446	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	189878	37.074	ng		99
31) Naphthalene	11.86	128	611899	37.090	ng		99
32) Benzoic acid	11.02	122	140028	47.097	ng		85
33) 4-Chloroaniline	11.95	127	275552	37.355	ng		94
34) Hexachlorobutadiene	12.12	225	105482	36.718	ng		97
35) Caprolactam	12.69	113	70731	40.430	ng	#	81
36) 4-Chloro-3-methylphenol	13.00	107	202698	39.867	ng		89
37) 2-Methylnaphthalene	13.40	142	445985	37.366	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	198361	37.585	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	109317	40.643	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	133863	40.220	ng		95
43) 2,4,5-Trichlorophenol	14.05	196	156275	40.569	ng	#	95
45) 1,1'-Biphenyl	14.38	154	581494	37.429	ng		95
46) 2-Chloronaphthalene	14.43	162	435266	37.506	ng		98
47) 2-Nitroaniline	14.61	65	138936	47.579	ng	#	87
48) Acenaphthylene	15.27	152	710422	37.390	ng		98
49) Dimethylphthalate	14.96	163	554187	36.711	ng		99
50) 2,6-Dinitrotoluene	15.09	165	117537	47.219	ng	#	87
51) Acenaphthene	15.60	154	448155	37.873	ng		99
52) 3-Nitroaniline	15.42	138	139808	45.665	ng	#	83
53) 2,4-Dinitrophenol	15.61	184	37874	54.951	ng	#	1
54) Dibenzofuran	15.92	168	620497	36.827	ng		96
55) 4-Nitrophenol	15.68	139	94994	42.107	ng	#	76
56) 2,4-Dinitrotoluene	15.86	165	159903	53.277	ng	#	87
57) Fluorene	16.57	166	510113	36.681	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	120413m	40.262	ng		
59) Diethylphthalate	16.30	149	583345	36.637	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	253322	37.237	ng		94
61) 4-Nitroaniline	16.57	138	136658	42.499	ng	#	80
62) Azobenzene	16.83	77	522451	36.678	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	75668	61.345	ng		98
65) n-Nitrosodiphenylamine	16.75	169	469585	37.917	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	150521	37.392	ng	#	87
67) Hexachlorobenzene	17.56	284	159745	36.722	ng	#	92
68) Atrazine	17.67	200	148840	36.511	ng		96
69) Pentachlorophenol	17.90	266	109604	40.000	ng		99
70) Phenanthrene	18.30	178	790100	37.200	ng		98
71) Anthracene	18.40	178	792563	37.169	ng		99
72) Carbazole	18.65	167	770187	36.645	ng		97
73) Di-n-butylphthalate	19.15	149	981959	38.084	ng		99
74) Fluoranthene	20.25	202	868564	37.021	ng		93
76) Benzidine	20.41	184	308966	26.125	ng	#	96
77) Pyrene	20.61	202	896809	36.654	ng		97
79) Butylbenzylphthalate	21.48	149	448902	41.382	ng		91
80) Benzo(a)anthracene	22.60	228	828212	37.226	ng		98
81) 3,3'-Dichlorobenzidine	22.48	252	310911	37.732	ng	#	98
82) Chrysene	22.67	228	794936	37.404	ng		97
83) Bis(2-ethylhexyl)phthalate	22.43	149	649227	40.432	ng	#	97
84) Di-n-octyl phthalate	23.85	149	1034122	42.252	ng		98
85) Indeno(1,2,3-cd)pyrene	30.86	276	901903	36.389	ng		96
87) Benzo(b)fluoranthene	25.21	252	830628	37.567	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	809182	36.824	ng	#	96
89) Benzo(a)pyrene	26.25	252	783430	37.252	ng	#	96
90) Dibenzo(a,h)anthracene	30.94	278	732784	34.617	ng	#	93
91) Benzo(g,h,i)perylene	32.25	276	757746	36.313	ng	#	89

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

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