Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032756.D
Acq On : 21 Feb 2018 11:33
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:43 PM

Quant Time: Feb 21 13:47:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 13:32:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	56349	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	259471	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	150736	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	340926	20.00	ng		0.00
75) Chrysene-d12	22.64	240	322000	20.00	ng		0.00
86) Perylene-d12	26.45	264	323132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	67840	24.15	ng		0.00
7) Phenol-d6	8.02	99	95239	24.80	ng		0.00
23) Nitrobenzene-d5	10.13	82	43074	10.55	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	25260	10.88	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	216901	17.99	ng		0.00
78) Terphenyl-d14	20.79	244	301495	21.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	15726	13.385	ng	#	83
3) Pyridine	4.44	79	39834	13.218	ng		96
4) n-Nitrosodimethylamine	4.34	42	16205	11.444	ng		98
6) Aniline	8.22	93	65647	14.463	ng		99
8) 2-Chlorophenol	8.48	128	37621	11.649	ng		92
9) Benzaldehyde	8.03	77	33700	14.848	ng		88
10) Phenol	8.05	94	48047	12.864	ng		91
11) bis(2-Chloroethyl)ether	8.31	93	39355	13.143	ng		92
12) 1,3-Dichlorobenzene	8.82	146	44413	9.751	ng		94
13) 1,4-Dichlorobenzene	8.97	146	44643	9.921	ng		95
14) 1,2-Dichlorobenzene	9.30	146	43144	9.506	ng		99
15) Benzyl Alcohol	9.16	79	34637	12.033	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.46	45	68084	21.127	ng		95
17) 2-Methylphenol	9.36	107	34900	13.194	ng		97
18) Hexachloroethane	10.07	117	14436	8.786	ng	#	81
19) n-Nitroso-di-n-propylamine	9.74	70	33895	13.128	ng	#	95
20) 3+4-Methylphenols	9.69	107	47567	11.898	ng		95
22) Acetophenone	9.77	105	67384	12.211	ng	#	94
24) Nitrobenzene	10.17	77	24331	5.692	ng		93
25) Isophorone	10.70	82	90041	11.568	ng	#	92
26) 2-Nitrophenol	10.90	139	8049	3.521	ng	#	85
27) 2,4-Dimethylphenol	10.93	122	37348	12.434	ng		87
28) bis(2-Chloroethoxy)methane	11.18	93	52488	13.191	ng		99
29) 2,4-Dichlorophenol	11.44	162	31713	7.214	ng		93
30) 1,2,4-Trichlorobenzene	11.67	180	41167	6.679	ng		93
31) Naphthalene	11.87	128	136318	10.820	ng		99
32) Benzoic acid	10.98	122	12182m	5.565	ng		
33) 4-Chloroaniline	11.95	127	60121	12.026	ng		96
34) Hexachlorobutadiene	12.14	225	23058	4.565	ng		97
35) Caprolactam	12.67	113	13920	11.150	ng	#	82
36) 4-Chloro-3-methylphenol	13.00	107	39703	10.040	ng	#	90
37) 2-Methylnaphthalene	13.42	142	97087	9.500	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	42929	6.030	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	17717	3.932	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	24052	6.769	ng		93
43) 2,4,5-Trichlorophenol	14.06	196	28577	6.453	ng	#	94
45) 1,1'-Biphenyl	14.39	154	131959	10.639	ng		97
46) 2-Chloronaphthalene	14.44	162	97806	9.965	ng		98
47) 2-Nitroaniline	14.62	65	10913	5.112	ng	#	88
48) Acenaphthylene	15.28	152	162347	11.244	ng		99
49) Dimethylphthalate	14.97	163	130009	9.978	ng		99
50) 2,6-Dinitrotoluene	15.10	165	9822	3.660	ng		97
51) Acenaphthene	15.61	154	99420	10.082	ng		98
52) 3-Nitroaniline	15.42	138	13601	5.740	ng	#	82
53) 2,4-Dinitrophenol	15.62	184	3629	3.473	ng	#	1
54) Dibenzofuran	15.94	168	145428	9.913	ng		98
55) 4-Nitrophenol	15.68	139	11359	7.381	ng	#	77
56) 2,4-Dinitrotoluene	15.87	165	12148	3.286	ng	#	85
57) Fluorene	16.58	166	122310	10.138	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	21251	5.097	ng	#	90
59) Diethylphthalate	16.31	149	140117	11.052	ng		99
60) 4-Chlorophenyl-phenylether	16.56	204	58849	7.388	ng		95
61) 4-Nitroaniline	16.57	138	16880	6.909	ng		91
62) Azobenzene	16.85	77	123673	15.183	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	5261	2.297	ng		90
65) n-Nitrosodiphenylamine	16.76	169	111862	11.188	ng		99
66) 4-Bromophenyl-phenylether	17.45	248	35291	7.233	ng	#	88
67) Hexachlorobenzene	17.57	284	38536	7.354	ng		96
68) Atrazine	17.69	200	37158	8.664	ng		97
69) Pentachlorophenol	17.90	266	18582	5.792	ng		99
70) Phenanthrene	18.31	178	197598	10.789	ng		99
71) Anthracene	18.40	178	195134	10.413	ng		100
72) Carbazole	18.66	167	196018	12.269	ng		97
73) Di-n-butylphthalate	19.17	149	242232	13.465	ng		98
74) Fluoranthene	20.27	202	222428	9.098	ng		94
76) Benzidine	20.42	184	133023	17.544	ng		99
77) Pyrene	20.62	202	231441	12.082	ng		99
79) Butylbenzylphthalate	21.50	149	91129	14.441	ng		93
80) Benzo(a)anthracene	22.61	228	205406	10.188	ng		98
81) 3,3'-Dichlorobenzidine	22.50	252	75052	9.968	ng		98
82) Chrysene	22.69	228	195975	9.858	ng		98
83) Bis(2-ethylhexyl)phthalate	22.47	149	137766	15.139	ng	#	94
84) Di-n-octyl phthalate	23.91	149	199622	13.982	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	211395	8.977	ng		94
87) Benzo(b)fluoranthene	25.22	252	189898	9.861	ng	#	96
88) Benzo(k)fluoranthene	25.31	252	192515	9.660	ng	#	96
89) Benzo(a)pyrene	26.27	252	177509	9.462	ng	#	93
90) Dibenzo(a,h)anthracene	30.99	278	177042	9.479	ng	#	96
91) Benzo(g,h,i)perylene	32.29	276	174467	9.663	ng	#	95

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

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