Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032822.D
Acq On : 26 Feb 2018 15:15
Operator : SJ/JU
Sample : J1688-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROADMS

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:09 AM

Quant Time: Feb 26 18:08:20 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	70719	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	322055	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	182184	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	414483	20.00	ng		0.00
75) Chrysene-d12	22.63	240	397779	20.00	ng		0.00
86) Perylene-d12	26.44	264	433934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	652273	147.56	ng		0.00
7) Phenol-d6	8.03	99	882803	143.28	ng		0.00
23) Nitrobenzene-d5	10.13	82	502882	105.63	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	311579	162.65	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1110322	87.90	ng		0.00
78) Terphenyl-d14	20.79	244	1608028	90.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	75235	39.217	ng		87
3) Pyridine	4.43	79	225389	42.626	ng		92
4) n-Nitrosodimethylamine	4.34	42	115249	54.365	ng	#	90
6) Aniline	8.22	93	318969	38.246	ng		95
8) 2-Chlorophenol	8.47	128	264229	54.612	ng		91
9) Benzaldehyde	8.03	77	117446	33.074	ng		93
10) Phenol	8.05	94	341276	54.947	ng		92
11) bis(2-Chloroethyl)ether	8.31	93	242549	47.758	ng		93
12) 1,3-Dichlorobenzene	8.81	146	259047	45.712	ng		97
13) 1,4-Dichlorobenzene	8.96	146	261292	45.807	ng		96
14) 1,2-Dichlorobenzene	9.29	146	251358	45.984	ng		97
15) Benzyl Alcohol	9.16	79	230685	50.929	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.45	45	396863	45.456	ng		97
17) 2-Methylphenol	9.35	107	230685	50.368	ng		95
18) Hexachloroethane	10.06	117	94010	48.404	ng	#	87
19) n-Nitroso-di-n-propylamine	9.74	70	203291	46.736	ng	#	97
20) 3+4-Methylphenols	9.69	107	321164	50.433	ng		95
22) Acetophenone	9.77	105	378998	46.597	ng	#	94
24) Nitrobenzene	10.17	77	274141	52.662	ng		90
25) Isophorone	10.69	82	563815	49.878	ng	#	93
26) 2-Nitrophenol	10.90	139	132834	65.006	ng		91
27) 2,4-Dimethylphenol	10.93	122	297290	60.541	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	344502	52.315	ng		94
29) 2,4-Dichlorophenol	11.44	162	242805	54.480	ng		96
30) 1,2,4-Trichlorobenzene	11.67	180	240409	46.017	ng		98
31) Naphthalene	11.87	128	801751	47.642	ng		99
32) Benzoic acid	11.04	122	12369	10.562	ng	#	79
33) 4-Chloroaniline	11.95	127	283841	37.722	ng		94
34) Hexachlorobutadiene	12.13	225	126592	43.199	ng		98
35) Caprolactam	12.69	113	102640	57.516	ng	#	83
36) 4-Chloro-3-methylphenol	13.01	107	294155	56.716	ng		92
37) 2-Methylnaphthalene	13.41	142	591309	48.567	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	246119	45.509	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	288955	104.838	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	190094	55.736	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	209436	53.057	ng		97
45) 1,1'-Biphenyl	14.38	154	730064	45.858	ng		95
46) 2-Chloronaphthalene	14.44	162	554977	46.667	ng		98
47) 2-Nitroaniline	14.62	65	189724	60.133	ng		89
48) Acenaphthylene	15.27	152	902075	46.331	ng		97
49) Dimethylphthalate	14.97	163	808253	52.249	ng		99
50) 2,6-Dinitrotoluene	15.09	165	160018	59.810	ng		91
51) Acenaphthene	15.61	154	596738	49.213	ng		97
52) 3-Nitroaniline	15.43	138	152396	48.094	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	79556	92.709	ng	#	1
54) Dibenzofuran	15.93	168	842518	48.797	ng		94
55) 4-Nitrophenol	15.70	139	311673	119.228	ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	222492	66.893	ng		87
57) Fluorene	16.58	166	685824	48.127	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	185115m	60.402	ng		
59) Diethylphthalate	16.31	149	777183	47.634	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	336137	48.218	ng		95
61) 4-Nitroaniline	16.58	138	195891	57.336	ng		80
62) Azobenzene	16.84	77	707823	48.493	ng		97
64) 4,6-Dinitro-2-methylphenol	16.63	198	92164	66.239	ng		95
65) n-Nitrosodiphenylamine	16.76	169	649250	48.151	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	207557	47.358	ng	#	89
67) Hexachlorobenzene	17.57	284	216860	45.788	ng	#	91
68) Atrazine	17.68	200	230931	52.031	ng		96
69) Pentachlorophenol	17.91	266	306015	102.578	ng		99
70) Phenanthrene	18.31	178	1103170	47.707	ng		97
71) Anthracene	18.41	178	1132212	48.770	ng		97
72) Carbazole	18.65	167	1096023	47.898	ng	#	96
73) Di-n-butylphthalate	19.16	149	1332102	47.453	ng		98
74) Fluoranthene	20.26	202	1236512	48.408	ng		93
76) Benzidine	20.41	184	753439	55.568	ng		98
77) Pyrene	20.62	202	1251007	44.597	ng		95
79) Butylbenzylphthalate	21.49	149	640997	51.539	ng		93
80) Benzo(a)anthracene	22.61	228	1233465	48.357	ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	386430	40.905	ng	#	98
82) Chrysene	22.69	228	1160177	47.614	ng		96
83) Bis(2-ethylhexyl)phthalate	22.45	149	937492	50.923	ng		98
84) Di-n-octyl phthalate	23.88	149	1616063	57.591	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1482673	52.176	ng		98
87) Benzo(b)fluoranthene	25.22	252	1263312	49.238	ng	#	96
88) Benzo(k)fluoranthene	25.30	252	1232473	48.334	ng	#	94
89) Benzo(a)pyrene	26.27	252	1237259	50.700	ng	#	96
90) Dibenzo(a,h)anthracene	30.98	278	1240568	50.504	ng	#	93
91) Benzo(g,h,i)perylene	32.29	276	1233989	50.961	ng	#	91

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

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