Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033420.D
Acq On : 29 Mar 2018 14:13
Operator : SJ/JU
Sample : J1754-14MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-032718-BMSD

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:35 PM

Quant Time: Mar 29 16:07:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	45635	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	190373	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	141936	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	342272	20.00	ng		0.00
75) Chrysene-d12	22.56	240	357231	20.00	ng		0.00
86) Perylene-d12	26.33	264	380624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	366130	150.44	ng		0.01
7) Phenol-d6	7.99	99	537965	128.65	ng		0.01
23) Nitrobenzene-d5	10.07	82	397576	95.95	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	293713	138.36	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	931992	94.79	ng		0.00
78) Terphenyl-d14	20.73	244	1588452	95.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	47432	38.378	ng	#	86
3) Pyridine	4.41	79	122071	35.729	ng		93
4) n-Nitrosodimethylamine	4.31	42	65632	46.810	ng	#	89
6) Aniline	8.17	93	39008	7.932	ng		99
8) 2-Chlorophenol	8.42	128	140495	50.497	ng		98
9) Benzaldehyde	7.97	77	73044m	27.487	ng		
10) Phenol	8.02	94	181175	43.883	ng		91
11) bis(2-Chloroethyl)ether	8.25	93	138783	41.184	ng		93
12) 1,3-Dichlorobenzene	8.75	146	151660m	41.694	ng		
13) 1,4-Dichlorobenzene	8.90	146	152698	41.917	ng		97
14) 1,2-Dichlorobenzene	9.24	146	151882	42.718	ng		97
15) Benzyl Alcohol	9.11	79	163194	49.568	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.39	45	232592	42.339	ng		85
17) 2-Methylphenol	9.31	107	128952	45.850	ng	#	87
18) Hexachloroethane	9.99	117	61085	43.446	ng		89
19) n-Nitroso-di-n-propylamine	9.68	70	133402	43.537	ng		94
20) 3+4-Methylphenols	9.65	107	185497	46.323	ng		90
22) Acetophenone	9.71	105	238506	45.730	ng	#	99
24) Nitrobenzene	10.11	77	198808	44.826	ng		95
25) Isophorone	10.63	82	377374	46.925	ng		97
26) 2-Nitrophenol	10.84	139	83575	49.773	ng	#	90
27) 2,4-Dimethylphenol	10.87	122	145958	59.837	ng		94
28) bis(2-Chloroethoxy)methane	11.11	93	195231	48.655	ng		94
29) 2,4-Dichlorophenol	11.39	162	163192	54.401	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	168570	43.251	ng		98
31) Naphthalene	11.80	128	453035	45.923	ng		98
32) Benzoic acid	10.99	122	14826m	6.538	ng		
33) 4-Chloroaniline	11.91	127	17832	4.035	ng		94
34) Hexachlorobutadiene	12.06	225	127960	43.415	ng		95
35) Caprolactam	12.65	113	44720	38.052	ng		94
36) 4-Chloro-3-methylphenol	12.97	107	202307	51.707	ng		94
37) 2-Methylnaphthalene	13.35	142	341903	44.652	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	231552	45.038	ng		99
40) Hexachlorocyclopentadiene	13.68	237	236302	78.403	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	154980	51.883	ng		96
43) 2,4,5-Trichlorophenol	14.02	196	175519	49.711	ng		98
45) 1,1'-Biphenyl	14.32	154	490373	44.969	ng		97
46) 2-Chloronaphthalene	14.38	162	376329	44.758	ng		97
47) 2-Nitroaniline	14.58	65	151686	48.166	ng		96
48) Acenaphthylene	15.22	152	606993	43.250	ng		98
49) Dimethylphthalate	14.91	163	553216	44.787	ng		100
50) 2,6-Dinitrotoluene	15.05	165	121613	48.150	ng		98
51) Acenaphthene	15.55	154	382755	42.306	ng		97
52) 3-Nitroaniline	15.39	138	25520	9.638	ng	#	76
53) 2,4-Dinitrophenol	15.58	184	19876	21.387	ng		91
54) Dibenzofuran	15.87	168	615027	46.021	ng		91
55) 4-Nitrophenol	15.68	139	140957	75.703	ng		90
56) 2,4-Dinitrotoluene	15.82	165	167613	45.071	ng	#	95
57) Fluorene	16.52	166	513463	45.100	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	161615	48.622	ng		98
59) Diethylphthalate	16.25	149	539999	45.021	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	293538	44.852	ng		99
61) 4-Nitroaniline	16.54	138	93610	34.910	ng	#	84
62) Azobenzene	16.79	77	526942	45.352	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	38212	18.662	ng		95
65) n-Nitrosodiphenylamine	16.71	169	477462	48.863	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	199315	49.585	ng		94
67) Hexachlorobenzene	17.51	284	201805	47.571	ng		98
68) Atrazine	17.63	200	187799	47.429	ng		99
69) Pentachlorophenol	17.85	266	157227	53.999	ng		97
70) Phenanthrene	18.26	178	832350	46.694	ng		98
71) Anthracene	18.35	178	869201	48.158	ng		99
72) Carbazole	18.61	167	718713	44.937	ng		97
73) Di-n-butylphthalate	19.10	149	869867	46.727	ng	#	98
74) Fluoranthene	20.21	202	1024119	46.427	ng		97
76) Benzidine	20.38	184	83366	8.605	ng		97
77) Pyrene	20.57	202	1026532	43.086	ng		98
79) Butylbenzylphthalate	21.42	149	397678	45.232	ng		97
80) Benzo(a)anthracene	22.54	228	1043670	45.882	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	95172	11.758	ng		99
82) Chrysene	22.62	228	996218	45.243	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	551962	45.542	ng		99
84) Di-n-octyl phthalate	23.75	149	960393	51.754	ng		98
85) Indeno(1,2,3-cd)pyrene	30.70	276	1128713	47.411	ng	#	62
87) Benzo(b)fluoranthene	25.12	252	1031664	46.914	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	1060208	47.669	ng	#	96
89) Benzo(a)pyrene	26.15	252	1037358	49.122	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	942523	47.381	ng	#	95
91) Benzo(g,h,i)perylene	32.08	276	873354	44.337	ng	#	92

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

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