Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033697.D
Acq On : 10 Apr 2018 2:40
Operator : SJ/JU
Sample : J2155-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-01-040618-AMS

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:50 PM

Quant Time: Apr 10 07:42:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40947	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	169239	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	122235	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	317956	20.00	ng		0.00
75) Chrysene-d12	22.55	240	322073	20.00	ng		0.00
86) Perylene-d12	26.32	264	349493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	336591	154.14	ng		0.00
7) Phenol-d6	7.98	99	446360	118.96	ng		0.00
23) Nitrobenzene-d5	10.06	82	369262	100.25	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	254102	138.99	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	818447	96.66	ng		0.00
78) Terphenyl-d14	20.73	244	1521516	101.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	41225	37.174	ng	#	89
3) Pyridine	4.40	79	88255	28.789	ng		97
4) n-Nitrosodimethylamine	4.29	42	62869	49.973	ng	#	76
6) Aniline	8.15	93	57036	12.926	ng	#	92
8) 2-Chlorophenol	8.41	128	128552	51.494	ng		96
9) Benzaldehyde	7.96	77	39588	16.603	ng		91
10) Phenol	8.00	94	156392	42.217	ng		85
11) bis(2-Chloroethyl)ether	8.24	93	136858	45.262	ng		94
12) 1,3-Dichlorobenzene	8.74	146	138936	42.569	ng		96
13) 1,4-Dichlorobenzene	8.89	146	137726	42.135	ng		97
14) 1,2-Dichlorobenzene	9.22	146	138514	43.418	ng		97
15) Benzyl Alcohol	9.10	79	146091	49.453	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.38	45	232608	47.189	ng		91
17) 2-Methylphenol	9.30	107	117558m	46.584	ng		
18) Hexachloroethane	9.97	117	56354	44.670	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	128630	46.786	ng	#	99
20) 3+4-Methylphenols	9.63	107	158741	44.180	ng		87
22) Acetophenone	9.70	105	226917	48.941	ng	#	95
24) Nitrobenzene	10.10	77	187774	47.625	ng		92
25) Isophorone	10.62	82	362882	50.758	ng		98
26) 2-Nitrophenol	10.83	139	76629	51.335	ng	#	84
27) 2,4-Dimethylphenol	10.86	122	131553	60.666	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	182302	51.106	ng		99
29) 2,4-Dichlorophenol	11.37	162	137956	51.731	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	154594	44.618	ng		94
31) Naphthalene	11.79	128	439706	50.137	ng		98
32) Benzoic acid	10.97	122	13360m	6.628	ng		
33) 4-Chloroaniline	11.90	127	24116	6.138	ng	#	93
34) Hexachlorobutadiene	12.05	225	110951	42.345	ng		99
35) Caprolactam	12.63	113	34051	32.592	ng		95
36) 4-Chloro-3-methylphenol	12.95	107	177063	50.907	ng		94
37) 2-Methylnaphthalene	13.34	142	316608	46.512	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	203501	45.961	ng		98
40) Hexachlorocyclopentadiene	13.66	237	196130	75.562	ng		87

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	127383	49.517 ng		97
43) 2,4,5-Trichlorophenol	14.00	196	141765	46.623 ng		97
45) 1,1'-Biphenyl	14.32	154	434593	46.277 ng		96
46) 2-Chloronaphthalene	14.37	162	333002	45.989 ng		95
47) 2-Nitroaniline	14.56	65	142805	52.654 ng		86
48) Acenaphthylene	15.21	152	560341	46.361 ng		99
49) Dimethylphthalate	14.90	163	488253	45.898 ng		100
50) 2,6-Dinitrotoluene	15.04	165	104955	48.252 ng		99
51) Acenaphthene	15.54	154	341427	43.821 ng		96
52) 3-Nitroaniline	15.37	138	36421	15.971 ng	#	94
53) 2,4-Dinitrophenol	15.58	184	13703	18.646 ng		95
54) Dibenzofuran	15.87	168	549785	47.770 ng		92
55) 4-Nitrophenol	15.66	139	131311	81.889 ng	#	86
56) 2,4-Dinitrotoluene	15.81	165	155614	48.589 ng		98
57) Fluorene	16.51	166	461146	47.033 ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	133968	46.800 ng		98
59) Diethylphthalate	16.24	149	923304	89.385 ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	255536	45.338 ng		94
61) 4-Nitroaniline	16.53	138	99279	42.991 ng	#	83
62) Azobenzene	16.78	77	495590	49.529 ng		95
64) 4,6-Dinitro-2-methylphenol	16.57	198	22512	11.835 ng		91
65) n-Nitrosodiphenylamine	16.70	169	429748	47.344 ng		97
66) 4-Bromophenyl-phenylether	17.38	248	168419	45.103 ng		92
67) Hexachlorobenzene	17.51	284	172290	43.719 ng		97
68) Atrazine	17.62	200	181992	49.478 ng		97
69) Pentachlorophenol	17.85	266	98637	36.467 ng		95
70) Phenanthrene	18.25	178	777538	46.955 ng		97
71) Anthracene	18.34	178	797949	47.592 ng		99
72) Carbazole	18.60	167	711703	47.902 ng		99
73) Di-n-butylphthalate	19.09	149	871781	50.411 ng	#	98
74) Fluoranthene	20.20	202	988187	48.224 ng		97
76) Benzidine	20.37	184	147190	16.852 ng		99
77) Pyrene	20.56	202	991897	46.177 ng		98
79) Butylbenzylphthalate	21.41	149	403716	50.931 ng		99
80) Benzo(a)anthracene	22.54	228	982276	47.897 ng		100
81) 3,3'-Dichlorobenzidine	22.41	252	95632	13.104 ng		99
82) Chrysene	22.61	228	928853	46.789 ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	553934	50.694 ng		97
84) Di-n-octyl phthalate	23.75	149	952575	56.936 ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	1109860	51.709 ng	#	91
87) Benzo(b)fluoranthene	25.10	252	948849m	46.992 ng		
88) Benzo(k)fluoranthene	25.19	252	983313	48.150 ng		99
89) Benzo(a)pyrene	26.14	252	950848	49.036 ng	#	98
90) Dibenzo(a,h)anthracene	30.77	278	923808	50.577 ng		96
91) Benzo(g,h,i)perylene	32.07	276	908677	50.239 ng		96

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

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