Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033559.D
Acq On : 4 Apr 2018 14:35
Operator : SJ/JU
Sample : J1749-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:48 PM

Quant Time: Apr 04 18:52:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37138	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	171644	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	136899	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	364119	20.00	ng		0.00
75) Chrysene-d12	22.56	240	364988	20.00	ng		0.00
86) Perylene-d12	26.33	264	380545	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	325763	164.48	ng		0.00
7) Phenol-d6	7.98	99	477260	140.25	ng		0.00
23) Nitrobenzene-d5	10.06	82	370778	99.25	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	306868	149.88	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	886161	93.45	ng		0.00
78) Terphenyl-d14	20.73	244	1668295	97.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	39527	39.299	ng		84
3) Pyridine	4.40	79	81369	29.265	ng		96
4) n-Nitrosodimethylamine	4.30	42	59716	52.335	ng	#	86
6) Aniline	8.17	93	78399	19.590	ng		95
8) 2-Chlorophenol	8.41	128	124640	55.048	ng		92
9) Benzaldehyde	7.97	77	27049m	12.507	ng		
10) Phenol	8.01	94	166818	49.651	ng		89
11) bis(2-Chloroethyl)ether	8.25	93	127726	46.574	ng		98
12) 1,3-Dichlorobenzene	8.75	146	130509	44.088	ng		96
13) 1,4-Dichlorobenzene	8.90	146	134067	45.222	ng		98
14) 1,2-Dichlorobenzene	9.23	146	131748	45.533	ng		95
15) Benzyl Alcohol	9.10	79	147761	55.149	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	226811	50.733	ng		90
17) 2-Methylphenol	9.31	107	117440	51.310	ng	#	89
18) Hexachloroethane	9.98	117	54110	47.290	ng		95
19) n-Nitroso-di-n-propylamine	9.67	70	128091	51.368	ng		93
20) 3+4-Methylphenols	9.64	107	171573	52.649	ng		95
22) Acetophenone	9.70	105	219210	46.616	ng	#	99
24) Nitrobenzene	10.11	77	191855	47.978	ng	#	89
25) Isophorone	10.62	82	380164	52.430	ng		100
26) 2-Nitrophenol	10.84	139	77768	51.368	ng	#	88
27) 2,4-Dimethylphenol	10.87	122	132854	60.408	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	192835	53.302	ng		96
29) 2,4-Dichlorophenol	11.38	162	151787	56.120	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	156059	44.410	ng		95
31) Naphthalene	11.80	128	446928	50.247	ng		99
32) Benzoic acid	11.00	122	71808	35.123	ng		90
33) 4-Chloroaniline	11.90	127	40819	10.243	ng	#	86
34) Hexachlorobutadiene	12.05	225	113664	42.773	ng		96
35) Caprolactam	12.64	113	43523	41.075	ng		97
36) 4-Chloro-3-methylphenol	12.97	107	205607	58.285	ng		93
37) 2-Methylnaphthalene	13.35	142	349583	50.637	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	220207	44.407	ng		98
40) Hexachlorocyclopentadiene	13.68	237	243224	83.668	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	151062	52.432	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	177679	52.175	ng		96
45) 1,1'-Biphenyl	14.32	154	491684	46.749	ng		95
46) 2-Chloronaphthalene	14.38	162	380177	46.880	ng		99
47) 2-Nitroaniline	14.57	65	164257	54.076	ng		98
48) Acenaphthylene	15.22	152	635110	46.918	ng		99
49) Dimethylphthalate	14.91	163	570377	47.875	ng		99
50) 2,6-Dinitrotoluene	15.04	165	122891	50.446	ng		97
51) Acenaphthene	15.55	154	467888	53.619	ng		99
52) 3-Nitroaniline	15.38	138	72905	28.546	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	126634	98.434	ng	#	69
54) Dibenzofuran	15.87	168	639808	49.637	ng	#	91
55) 4-Nitrophenol	15.67	139	162556	90.516	ng		83
56) 2,4-Dinitrotoluene	15.82	165	185218	51.638	ng	#	96
57) Fluorene	16.52	166	538478	49.037	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	172885	53.926	ng		98
59) Diethylphthalate	16.25	149	577214	49.894	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	302780	47.966	ng		97
61) 4-Nitroaniline	16.54	138	123986	47.939	ng	#	83
62) Azobenzene	16.78	77	570672	50.923	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	100587	46.178	ng		98
65) n-Nitrosodiphenylamine	16.71	169	503348	48.422	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	201491	47.119	ng		93
67) Hexachlorobenzene	17.51	284	207630	46.007	ng		98
68) Atrazine	17.62	200	197522	46.892	ng		98
69) Pentachlorophenol	17.85	266	265957	85.862	ng		97
70) Phenanthrene	18.25	178	911539	48.069	ng		98
71) Anthracene	18.35	178	950102	49.482	ng		99
72) Carbazole	18.61	167	820190	48.205	ng		97
73) Di-n-butylphthalate	19.09	149	965199	48.737	ng	#	98
74) Fluoranthene	20.21	202	1116870	47.594	ng		97
76) Benzidine	20.38	184	52100m	5.264	ng		
77) Pyrene	20.57	202	1120749	46.041	ng		98
79) Butylbenzylphthalate	21.42	149	438100	48.770	ng		99
80) Benzo(a)anthracene	22.54	228	1100496	47.352	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	242484	29.320	ng		95
82) Chrysene	22.62	228	1064902	47.335	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	608398	49.132	ng		99
84) Di-n-octyl phthalate	23.75	149	1047913	55.270	ng		99
85) Indeno(1,2,3-cd)pyrene	30.72	276	1111963	45.715	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	1086583	49.422	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	1115262	50.155	ng	#	97
89) Benzo(a)pyrene	26.16	252	1079888	51.146	ng	#	98
90) Dibenzo(a,h)anthracene	30.79	278	905850	45.547	ng		96
91) Benzo(g,h,i)perylene	32.08	276	922739	46.854	ng		94

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

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