Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032300.D
Acq On : 25 Jan 2018 19:17
Operator : SJ/JU
Sample : J1281-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-AMS

Quant Time: Jan 26 01:22:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36604	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	154716	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	117947	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	316412	20.00	ng		0.00
75) Chrysene-d12	22.42	240	382927	20.00	ng		0.00
86) Perylene-d12	26.10	264	425339	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	274135	136.97	ng		0.00
7) Phenol-d6	7.84	99	325394	129.09	ng		0.00
23) Nitrobenzene-d5	9.92	82	244021	106.71	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	334502	171.39	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	904561	95.09	ng		0.00
78) Terphenyl-d14	20.63	244	1744180	100.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	21925	28.515	ng	#	74
3) Pyridine	4.28	79	54130	26.374	ng		85
4) n-Nitrosodimethylamine	4.18	42	41997	58.246	ng	#	73
6) Aniline	8.02	93	64786	20.377	ng		95
8) 2-Chlorophenol	8.27	128	109506	48.897	ng		82
9) Benzaldehyde	7.82	77	50083	34.293	ng		84
10) Phenol	7.87	94	104524	42.096	ng		91
11) bis(2-Chloroethyl)ether	8.11	93	81899	41.171	ng	#	81
12) 1,3-Dichlorobenzene	8.61	146	120045	40.956	ng		94
13) 1,4-Dichlorobenzene	8.76	146	122947	41.660	ng		98
14) 1,2-Dichlorobenzene	9.09	146	122026	42.750	ng		99
15) Benzyl Alcohol	8.96	79	101187	55.259	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	84910	42.001	ng		72
17) 2-Methylphenol	9.16	107	87824	46.282	ng		96
18) Hexachloroethane	9.85	117	41618	45.885	ng	#	78
19) n-Nitroso-di-n-propylamine	9.54	70	76850	49.139	ng	#	90
20) 3+4-Methylphenols	9.50	107	120823	45.962	ng		91
22) Acetophenone	9.56	105	167575	47.683	ng	#	91
24) Nitrobenzene	9.96	77	118674	52.025	ng		93
25) Isophorone	10.49	82	223264	52.431	ng	#	85
26) 2-Nitrophenol	10.69	139	70937	52.483	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	118169	55.093	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	128374	50.037	ng	#	91
29) 2,4-Dichlorophenol	11.23	162	151245	57.307	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	159021	46.655	ng		99
31) Naphthalene	11.66	128	363315	47.404	ng		99
32) Benzoic acid	10.88	122	93867	53.836	ng	#	78
33) 4-Chloroaniline	11.75	127	44640	13.582	ng	#	90
34) Hexachlorobutadiene	11.92	225	119716	48.901	ng		97
35) Caprolactam	12.51	113	34915	43.607	ng	#	50
36) 4-Chloro-3-methylphenol	12.83	107	145286	60.142	ng	#	85
37) 2-Methylnaphthalene	13.22	142	305622	50.227	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	238083	46.308	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	291639	100.712	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	156499	54.174	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	172897	51.707	ng	#	92
45) 1,1'-Biphenyl	14.20	154	449637	44.469	ng		94
46) 2-Chloronaphthalene	14.25	162	353388	44.926	ng		97
47) 2-Nitroaniline	14.44	65	89087	59.161	ng	#	77
48) Acenaphthylene	15.09	152	544083	45.423	ng		99
49) Dimethylphthalate	14.79	163	512124	49.618	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	112188	52.367	ng	#	76
51) Acenaphthene	15.42	154	428753	54.132	ng		97
52) 3-Nitroaniline	15.24	138	45183	23.351	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	140854	126.621	ng	#	55
54) Dibenzofuran	15.75	168	595397	50.391	ng		98
55) 4-Nitrophenol	15.54	139	146359	103.792	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	163319	56.623	ng	#	72
57) Fluorene	16.40	166	483397	49.884	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	189828	61.368	ng	#	85
59) Diethylphthalate	16.13	149	505089	50.478	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	311659	52.429	ng		93
61) 4-Nitroaniline	16.41	138	90029	48.504	ng		85
62) Azobenzene	16.67	77	319362	50.993	ng		85
64) 4,6-Dinitro-2-methylphenol	16.46	198	104528	51.245	ng	#	68
65) n-Nitrosodiphenylamine	16.58	169	450649	46.936	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	226722	50.361	ng		96
67) Hexachlorobenzene	17.40	284	232814	46.743	ng	#	91
68) Atrazine	17.51	200	205645	50.930	ng		95
69) Pentachlorophenol	17.73	266	299235	93.992	ng		99
70) Phenanthrene	18.14	178	826373	46.909	ng		99
71) Anthracene	18.22	178	854100	48.610	ng		99
72) Carbazole	18.48	167	724778	47.551	ng		99
73) Di-n-butylphthalate	18.99	149	808774	44.905	ng		100
74) Fluoranthene	20.10	202	1058456	47.988	ng		94
76) Benzidine	20.26	184	105120	10.978	ng		99
77) Pyrene	20.46	202	1069336	44.422	ng		98
79) Butylbenzylphthalate	21.31	149	373830	43.344	ng	#	78
80) Benzo(a)anthracene	22.40	228	1157013	48.585	ng		100
81) 3,3'-Dichlorobenzidine	22.29	252	237855	26.737	ng	#	96
82) Chrysene	22.48	228	1089349	47.631	ng		97
83) Bis(2-ethylhexyl)phthalate	22.24	149	529248	41.846	ng	#	95
84) Di-n-octyl phthalate	23.61	149	922819	45.941	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.37	276	1482649	52.973	ng	#	87
87) Benzo(b)fluoranthene	24.92	252	1255914	48.850	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	1207051	48.047	ng	#	95
89) Benzo(a)pyrene	25.93	252	1220191	50.172	ng	#	95
90) Dibenzo(a,h)anthracene	30.45	278	1236685	52.769	ng	#	94
91) Benzo(g,h,i)perylene	31.71	276	1245513	51.997	ng	#	90

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

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