Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032078.D
Acq On : 16 Jan 2018 20:30
Operator : SJ/JU
Sample : J1016-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-011218MS

Quant Time: Jan 17 00:56:00 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	48923	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	200734	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	139038	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	375867	20.00	ng		0.00
75) Chrysene-d12	22.47	240	450475	20.00	ng		0.00
86) Perylene-d12	26.19	264	485482	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	366609	137.05	ng		0.00
7) Phenol-d6	7.88	99	425520	126.31	ng		0.00
23) Nitrobenzene-d5	9.96	82	302586	101.98	ng		0.00
41) 2,4,6-Tribromophenol	16.87	330	360413	156.65	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1033838	92.20	ng		0.00
78) Terphenyl-d14	20.66	244	1978742	96.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	37609	36.597	ng	#	74
3) Pyridine	4.31	79	78976	28.791	ng		85
4) n-Nitrosodimethylamine	4.21	42	54190	56.232	ng	#	87
6) Aniline	8.06	93	45027	10.596	ng		91
8) 2-Chlorophenol	8.31	128	151191	50.511	ng		83
9) Benzaldehyde	7.87	77	22427	11.490	ng		86
10) Phenol	7.90	94	145435	43.824	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	122572	46.102	ng	#	80
12) 1,3-Dichlorobenzene	8.65	146	180337	46.033	ng		94
13) 1,4-Dichlorobenzene	8.80	146	180798	45.836	ng		97
14) 1,2-Dichlorobenzene	9.14	146	174785	45.814	ng		96
15) Benzyl Alcohol	9.00	79	129169	52.778	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.29	45	128843	47.684	ng		81
17) 2-Methylphenol	9.20	107	120541	47.528	ng		98
18) Hexachloroethane	9.89	117	59070	48.727	ng	#	82
19) n-Nitroso-di-n-propylamine	9.58	70	99775	47.733	ng	#	91
20) 3+4-Methylphenols	9.54	107	163879	46.643	ng		97
22) Acetophenone	9.61	105	228007	50.005	ng	#	91
24) Nitrobenzene	10.01	77	152533	51.539	ng	#	85
25) Isophorone	10.53	82	286094	51.784	ng	#	84
26) 2-Nitrophenol	10.73	139	91162	51.984	ng	#	86
27) 2,4-Dimethylphenol	10.77	122	154663	55.577	ng		96
28) bis(2-Chloroethoxy)methane	11.02	93	174239	52.345	ng	#	94
29) 2,4-Dichlorophenol	11.28	162	186213	54.381	ng		88
30) 1,2,4-Trichlorobenzene	11.50	180	213687	48.321	ng		99
31) Naphthalene	11.70	128	552184	55.530	ng		99
32) Benzoic acid	10.84	122	26983	16.019	ng	#	75
33) 4-Chloroaniline	11.80	127	27912	6.546	ng	#	91
34) Hexachlorobutadiene	11.97	225	148148	46.642	ng		93
35) Caprolactam	12.54	113	42619	41.026	ng	#	53
36) 4-Chloro-3-methylphenol	12.87	107	171176	54.614	ng	#	86
37) 2-Methylnaphthalene	13.26	142	399918	50.657	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	297278	49.050	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	352826	103.360	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	186408	54.739	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	198733	50.418	ng	#	89
45) 1,1'-Biphenyl	14.24	154	564475	47.358	ng		94
46) 2-Chloronaphthalene	14.30	162	438273	47.266	ng		97
47) 2-Nitroaniline	14.48	65	100319	56.514	ng	#	73
48) Acenaphthylene	15.13	152	653230	46.262	ng		99
49) Dimethylphthalate	14.83	163	593353	48.767	ng	#	98
50) 2,6-Dinitrotoluene	14.96	165	133907	53.023	ng	#	71
51) Acenaphthene	15.46	154	448735	48.061	ng		99
52) 3-Nitroaniline	15.29	138	39841	17.467	ng	#	69
53) 2,4-Dinitrophenol	15.48	184	55959	47.290	ng	#	9
54) Dibenzofuran	15.79	168	702663	50.449	ng		98
55) 4-Nitrophenol	15.57	139	172336	103.675	ng	#	81
56) 2,4-Dinitrotoluene	15.73	165	193566	56.930	ng	#	67
57) Fluorene	16.44	166	571112	49.996	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.00	232	211467	57.994	ng	#	86
59) Diethylphthalate	16.18	149	589902	50.012	ng		95
60) 4-Chlorophenyl-phenylether	16.42	204	355608	50.748	ng		92
61) 4-Nitroaniline	16.44	138	102561	46.874	ng		88
62) Azobenzene	16.71	77	382161	51.764	ng		84
64) 4,6-Dinitro-2-methylphenol	16.49	198	65339	29.280	ng	#	70
65) n-Nitrosodiphenylamine	16.63	169	535656	46.965	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	259439	48.512	ng		95
67) Hexachlorobenzene	17.43	284	266780	45.090	ng	#	90
68) Atrazine	17.55	200	252209	52.582	ng		96
69) Pentachlorophenol	17.77	266	263709	69.731	ng		99
70) Phenanthrene	18.17	178	1011805	48.350	ng		99
71) Anthracene	18.27	178	1012526	48.511	ng		99
72) Carbazole	18.53	167	880238	48.615	ng		99
73) Di-n-butylphthalate	19.03	149	1016809	47.525	ng		100
74) Fluoranthene	20.14	202	1299905	49.612	ng		95
76) Benzidine	20.29	184	128118	11.373	ng		98
77) Pyrene	20.49	202	1316897	46.503	ng		98
79) Butylbenzylphthalate	21.35	149	475493	46.864	ng	#	79
80) Benzo(a)anthracene	22.45	228	1378966	49.222	ng		98
81) 3,3'-Dichlorobenzidine	22.34	252	160138	15.302	ng	#	95
82) Chrysene	22.53	228	1280899	47.608	ng		97
83) Bis(2-ethylhexyl)phthalate	22.29	149	665503	44.729	ng	#	95
84) Di-n-octyl phthalate	23.68	149	1157367	48.978	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.51	276	1663734	50.529	ng	#	87
87) Benzo(b)fluoranthene	24.99	252	1466552	49.977	ng	#	97
88) Benzo(k)fluoranthene	25.08	252	1432283	49.950	ng	#	95
89) Benzo(a)pyrene	26.02	252	1417105	51.050	ng	#	96
90) Dibenzo(a,h)anthracene	30.59	278	1351603	50.528	ng	#	95
91) Benzo(g,h,i)perylene	31.87	276	1413374	51.695	ng	#	92

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

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