Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033579.D
Acq On : 5 Apr 2018 4:26
Operator : SJ/JU
Sample : J2185-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOWER-CONCRETE-SLAB-1MS

Quant Time: Apr 05 05:32:51 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	33378	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	146967	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	117554	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	312309	20.00	ng		0.00
75) Chrysene-d12	22.55	240	307006	20.00	ng		0.00
86) Perylene-d12	26.32	264	339589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	315710	177.36	ng		0.00
7) Phenol-d6	7.98	99	466835	152.64	ng		0.00
23) Nitrobenzene-d5	10.06	82	355603	111.17	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	276660	157.36	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	841615	103.36	ng		0.00
78) Terphenyl-d14	20.73	244	1562022	108.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	38207	42.266	ng	#	92
3) Pyridine	4.40	79	86497	34.614	ng		95
4) n-Nitrosodimethylamine	4.30	42	56533	55.127	ng	#	83
6) Aniline	8.16	93	57565	16.005	ng		94
8) 2-Chlorophenol	8.41	128	120320	59.126	ng		93
9) Benzaldehyde	7.97	77	43203	22.227	ng		91
10) Phenol	8.00	94	159492	52.818	ng		87
11) bis(2-Chloroethyl)ether	8.25	93	125352	50.858	ng		96
12) 1,3-Dichlorobenzene	8.75	146	128547	48.317	ng		93
13) 1,4-Dichlorobenzene	8.90	146	125754	47.197	ng		94
14) 1,2-Dichlorobenzene	9.23	146	124874	48.019	ng		95
15) Benzyl Alcohol	9.10	79	138077	57.340	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.38	45	216111	53.785	ng		90
17) 2-Methylphenol	9.30	107	108422	52.706	ng	#	87
18) Hexachloroethane	9.97	117	53051	51.588	ng		90
19) n-Nitroso-di-n-propylamine	9.67	70	119160	53.169	ng		96
20) 3+4-Methylphenols	9.63	107	159490	54.454	ng		89
22) Acetophenone	9.70	105	204821	50.870	ng	#	97
24) Nitrobenzene	10.10	77	175994	51.402	ng		89
25) Isophorone	10.62	82	357664	57.609	ng		99
26) 2-Nitrophenol	10.83	139	72746	56.119	ng	#	87
27) 2,4-Dimethylphenol	10.87	122	129321	68.674	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	177490	57.298	ng		97
29) 2,4-Dichlorophenol	11.38	162	140562	60.696	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	145037	48.204	ng		98
31) Naphthalene	11.80	128	434350	57.032	ng		98
32) Benzoic acid	10.99	122	56158	32.080	ng		90
33) 4-Chloroaniline	11.90	127	9902	2.902	ng	#	90
34) Hexachlorobutadiene	12.05	225	102068	44.858	ng		97
35) Caprolactam	12.64	113	42280	46.602	ng		97
36) 4-Chloro-3-methylphenol	12.96	107	188012	62.246	ng		94
37) 2-Methylnaphthalene	13.35	142	320166	54.163	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	206162	48.416	ng		99
40) Hexachlorocyclopentadiene	13.67	237	210612	84.373	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	136792	55.292	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	162636	55.617	ng		99
45) 1,1'-Biphenyl	14.32	154	457269	50.631	ng		96
46) 2-Chloronaphthalene	14.38	162	348405	50.032	ng		96
47) 2-Nitroaniline	14.57	65	151273	57.997	ng		92
48) Acenaphthylene	15.21	152	595610	51.241	ng		99
49) Dimethylphthalate	14.90	163	535024	52.298	ng		100
50) 2,6-Dinitrotoluene	15.04	165	116161	55.531	ng		93
51) Acenaphthene	15.54	154	402927	53.773	ng		95
52) 3-Nitroaniline	15.39	138	31564	14.393	ng	#	77
53) 2,4-Dinitrophenol	15.57	184	64551	61.539	ng	#	85
54) Dibenzofuran	15.87	168	591199	53.414	ng		92
55) 4-Nitrophenol	15.66	139	147625	95.729	ng	#	76
56) 2,4-Dinitrotoluene	15.82	165	168921	54.844	ng		99
57) Fluorene	16.51	166	504006	53.451	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	158832	57.696	ng		97
59) Diethylphthalate	16.24	149	535295	53.885	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	284542	52.495	ng		100
61) 4-Nitroaniline	16.53	138	101310	45.618	ng	#	84
62) Azobenzene	16.78	77	541009	56.221	ng		99
64) 4,6-Dinitro-2-methylphenol	16.57	198	68317	36.566	ng		94
65) n-Nitrosodiphenylamine	16.70	169	462963	51.925	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	184106	50.195	ng	#	92
67) Hexachlorobenzene	17.51	284	191763	49.540	ng		94
68) Atrazine	17.62	200	196569	54.407	ng		98
69) Pentachlorophenol	17.85	266	206653	77.784	ng		99
70) Phenanthrene	18.25	178	854968	52.565	ng		98
71) Anthracene	18.34	178	876499	53.222	ng		99
72) Carbazole	18.60	167	765985	52.487	ng		97
73) Di-n-butylphthalate	19.09	149	926215	54.527	ng	#	97
74) Fluoranthene	20.20	202	1055525	52.441	ng		98
76) Benzidine	20.37	184	119293	14.329	ng		98
77) Pyrene	20.56	202	1051692	51.363	ng		98
79) Butylbenzylphthalate	21.42	149	413384	54.710	ng		98
80) Benzo(a)anthracene	22.54	228	1031980	52.790	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	91535	13.158	ng		95
82) Chrysene	22.61	228	982396	51.914	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	581370	55.816	ng		97
84) Di-n-octyl phthalate	23.75	149	992676	62.245	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	1036831	50.677	ng	#	85
87) Benzo(b)fluoranthene	25.11	252	985638	50.237	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	1020513	51.429	ng		97
89) Benzo(a)pyrene	26.14	252	1001468	53.153	ng	#	98
90) Dibenzo(a,h)anthracene	30.77	278	877642	49.451	ng		98
91) Benzo(g,h,i)perylene	32.07	276	876127	49.852	ng	#	95

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

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