Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033636.D
Acq On : 6 Apr 2018 20:04
Operator : SJ/JU
Sample : J2214-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HH-STONEMS

Manual Integrations APPROVED
Sohil
4/9/2018 5:04:09 PM

Quant Time: Apr 09 07:12:21 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	39644	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	182608	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	136478	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	339460	20.00	ng		0.00
75) Chrysene-d12	22.56	240	338428	20.00	ng		0.00
86) Perylene-d12	26.33	264	357908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	333772	157.87	ng		0.00
7) Phenol-d6	7.98	99	492132	135.47	ng		0.00
23) Nitrobenzene-d5	10.06	82	383108	96.39	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	269701	132.13	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	908723	96.12	ng		0.00
78) Terphenyl-d14	20.73	244	1503476	95.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	37407	34.840	ng	#	90
3) Pyridine	4.40	79	81429	27.435	ng		92
4) n-Nitrosodimethylamine	4.30	42	57552	47.250	ng	#	73
6) Aniline	8.16	93	55187	12.918	ng	#	95
8) 2-Chlorophenol	8.41	128	121794	50.391	ng		90
9) Benzaldehyde	7.97	77	25387	10.997	ng		84
10) Phenol	8.01	94	151699	42.297	ng		94
11) bis(2-Chloroethyl)ether	8.25	93	129545	44.252	ng		96
12) 1,3-Dichlorobenzene	8.75	146	114082	36.102	ng		95
13) 1,4-Dichlorobenzene	8.90	146	111543	35.246	ng		96
14) 1,2-Dichlorobenzene	9.23	146	116924	37.855	ng		94
15) Benzyl Alcohol	9.10	79	132713	46.401	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	224250	46.989	ng		91
17) 2-Methylphenol	9.30	107	107834	44.135	ng		94
18) Hexachloroethane	9.98	117	47178	38.626	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	122851	46.152	ng		99
20) 3+4-Methylphenols	9.64	107	150953	43.393	ng		93
22) Acetophenone	9.70	105	196876	39.353	ng	#	96
24) Nitrobenzene	10.10	77	173465	40.775	ng		95
25) Isophorone	10.62	82	345436	44.780	ng		98
26) 2-Nitrophenol	10.83	139	72314	44.898	ng	#	83
27) 2,4-Dimethylphenol	10.86	122	123263	52.682	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	176093	45.751	ng		98
29) 2,4-Dichlorophenol	11.38	162	133136	46.269	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	143504	38.385	ng		99
31) Naphthalene	11.80	128	408981	43.220	ng		99
32) Benzoic acid	11.00	122	53180	24.450	ng		91
33) 4-Chloroaniline	11.91	127	13633	3.216	ng		94
34) Hexachlorobutadiene	12.05	225	96954	34.294	ng		98
35) Caprolactam	12.63	113	35495	31.487	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	174026	46.370	ng		95
37) 2-Methylnaphthalene	13.35	142	311784	42.450	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	197987	40.049	ng		98
40) Hexachlorocyclopentadiene	13.67	237	193332	66.711	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127338	44.334	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	144963	42.699	ng		98
45) 1,1'-Biphenyl	14.32	154	446296	42.564	ng		95
46) 2-Chloronaphthalene	14.38	162	340343	42.097	ng		98
47) 2-Nitroaniline	14.57	65	142523	47.066	ng		90
48) Acenaphthylene	15.21	152	568225	42.107	ng		98
49) Dimethylphthalate	14.90	163	482735	40.644	ng		100
50) 2,6-Dinitrotoluene	15.04	165	106218	43.737	ng		96
51) Acenaphthene	15.54	154	397506	45.694	ng		97
52) 3-Nitroaniline	15.38	138	32086	12.602	ng	#	85
53) 2,4-Dinitrophenol	15.58	184	85793	69.342	ng	#	72
54) Dibenzofuran	15.87	168	558753	43.483	ng		92
55) 4-Nitrophenol	15.66	139	130178	72.710	ng	#	83
56) 2,4-Dinitrotoluene	15.82	165	157279	43.984	ng		93
57) Fluorene	16.51	166	469522	42.889	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129804	40.613	ng		98
59) Diethylphthalate	16.24	149	492563	42.708	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	255184	40.551	ng		96
61) 4-Nitroaniline	16.53	138	95403	37.001	ng		86
62) Azobenzene	16.78	77	508876	45.549	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	73775	36.329	ng		98
65) n-Nitrosodiphenylamine	16.70	169	432026	44.580	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	166064	41.655	ng	#	92
67) Hexachlorobenzene	17.51	284	169253	40.228	ng		95
68) Atrazine	17.62	200	161758	41.191	ng		97
69) Pentachlorophenol	17.85	266	193545	67.023	ng		96
70) Phenanthrene	18.25	178	771962	43.665	ng		99
71) Anthracene	18.35	178	797015	44.525	ng		99
72) Carbazole	18.61	167	688839	43.426	ng		97
73) Di-n-butylphthalate	19.09	149	831905	45.058	ng	#	98
74) Fluoranthene	20.21	202	938671	42.906	ng		99
76) Benzidine	20.39	184	33488m	3.649	ng		
77) Pyrene	20.56	202	944646	41.852	ng		99
79) Butylbenzylphthalate	21.42	149	385913	46.332	ng		97
80) Benzo(a)anthracene	22.54	228	923668	42.862	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	120385	15.699	ng		96
82) Chrysene	22.61	228	881053	42.236	ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	537056	46.774	ng		97
84) Di-n-octyl phthalate	23.75	149	923999	52.559	ng		100
85) Indeno(1,2,3-cd)pyrene	30.72	276	955310	42.357	ng	#	62
87) Benzo(b)fluoranthene	25.12	252	910359	44.025	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	916400	43.819	ng		97
89) Benzo(a)pyrene	26.15	252	889698	44.804	ng		98
90) Dibenzo(a,h)anthracene	30.78	278	778963	41.644	ng		98
91) Benzo(g,h,i)perylene	32.09	276	792365	42.778	ng		98

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

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