Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031936.D
Acq On : 5 Jan 2018 17:15
Operator : SJ/JU
Sample : J1011-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-AMSD

Manual Integrations APPROVED
Sohil
1/8/2018 4:22:14 PM

Quant Time: Jan 08 12:44:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	56623	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	240525	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	167286	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	420057	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	458359	20.00	ng		-0.03
86) Perylene-d12	26.22	264	476174	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	406589	130.79	ng		0.00
7) Phenol-d6	7.89	99	481762	119.36	ng		0.00
23) Nitrobenzene-d5	9.99	82	330517	103.76	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	401678	157.36	ng		-0.01
44) 2-Fluorobiphenyl	14.05	172	1137749	85.36	ng		0.00
78) Terphenyl-d14	20.68	244	1948914	97.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	32502	28.204	ng	#	72
3) Pyridine	4.33	79	81002	26.296	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	45517	36.618	ng	#	77
6) Aniline	8.08	93	42320	8.149	ng	#	89
8) 2-Chlorophenol	8.33	128	154976	42.976	ng		83
9) Benzaldehyde	7.88	77	33647	13.844	ng	#	77
10) Phenol	7.92	94	150436	36.917	ng		94
11) bis(2-Chloroethyl)ether	8.17	93	126284	37.315	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	165422	36.939	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	168479	36.830	ng		93
14) 1,2-Dichlorobenzene	9.15	146	163222	37.656	ng		97
15) Benzyl Alcohol	9.02	79	124883	41.216	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	130406	47.317	ng		85
17) 2-Methylphenol	9.22	107	126902	43.523	ng		97
18) Hexachloroethane	9.91	117	54238	39.147	ng	#	87
19) n-Nitroso-di-n-propylamine	9.60	70	101450	36.804	ng	#	84
20) 3+4-Methylphenols	9.55	107	170614	41.171	ng		92
22) Acetophenone	9.63	105	231074	41.351	ng	#	87
24) Nitrobenzene	10.03	77	149625	45.578	ng	#	83
25) Isophorone	10.55	82	293763	42.842	ng	#	84
26) 2-Nitrophenol	10.76	139	95537	55.505	ng	#	83
27) 2,4-Dimethylphenol	10.78	122	168779	46.599	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	185442	40.305	ng		96
29) 2,4-Dichlorophenol	11.30	162	197039	46.340	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	202587	39.021	ng		99
31) Naphthalene	11.72	128	596489	49.139	ng		99
32) Benzoic acid	10.83	122	11417m	10.672	ng		
33) 4-Chloroaniline	11.81	127	32912	6.090	ng		95
34) Hexachlorobutadiene	11.98	225	135727	38.080	ng		97
35) Caprolactam	12.56	113	41499	32.198	ng	#	39
36) 4-Chloro-3-methylphenol	12.88	107	181090	46.114	ng	#	84
37) 2-Methylnaphthalene	13.28	142	417057	42.382	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	285183	40.473	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	319649	85.993	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	185300	45.612	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	202906	45.069	ng	#	91
45) 1,1'-Biphenyl	14.26	154	592564	41.473	ng		95
46) 2-Chloronaphthalene	14.31	162	442691	40.621	ng		96
47) 2-Nitroaniline	14.49	65	98404	52.281	ng	#	67
48) Acenaphthylene	15.14	152	683350	39.194	ng		99
49) Dimethylphthalate	14.84	163	601499	40.815	ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	137805	50.830	ng	#	63
51) Acenaphthene	15.48	154	450923	39.490	ng		98
52) 3-Nitroaniline	15.30	138	42782	16.175	ng	#	75
53) 2,4-Dinitrophenol	15.50	184	34964	35.094	ng	#	1
54) Dibenzofuran	15.81	168	721615	41.226	ng		100
55) 4-Nitrophenol	15.58	139	175872	81.694	ng	#	75
56) 2,4-Dinitrotoluene	15.75	165	192066	55.095	ng	#	64
57) Fluorene	16.45	166	581743	40.912	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	209988	47.806	ng	#	85
59) Diethylphthalate	16.18	149	578977	40.308	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	348730	40.082	ng		93
61) 4-Nitroaniline	16.45	138	97726	37.862	ng		79
62) Azobenzene	16.72	77	376210	40.840	ng		82
64) 4,6-Dinitro-2-methylphenol	16.50	198	40451	24.675	ng	#	70
65) n-Nitrosodiphenylamine	16.64	169	543643	38.968	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	258235	42.513	ng		94
67) Hexachlorobenzene	17.45	284	259341	41.765	ng	#	91
68) Atrazine	17.56	200	237826	43.841	ng		98
69) Pentachlorophenol	17.78	266	248100	58.089	ng		97
70) Phenanthrene	18.19	178	978860	41.177	ng		99
71) Anthracene	18.28	178	995913	41.531	ng		98
72) Carbazole	18.54	167	877599	41.349	ng		99
73) Di-n-butylphthalate	19.05	149	949544	40.257	ng		99
74) Fluoranthene	20.15	202	1198727	41.097	ng		95
76) Benzidine	20.31	184	119357	8.437	ng		99
77) Pyrene	20.51	202	1212922	41.427	ng		96
79) Butylbenzylphthalate	21.37	149	418758	42.606	ng	#	77
80) Benzo(a)anthracene	22.47	228	1194277	40.961	ng		98
81) 3,3'-Dichlorobenzidine	22.36	252	125889	11.136	ng	#	97
82) Chrysene	22.55	228	1130206	40.969	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	564875	39.669	ng	#	99
84) Di-n-octyl phthalate	23.71	149	951727	39.686	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1436060	40.576	ng	#	86
87) Benzo(b)fluoranthene	25.03	252	1205346	40.779	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1187832	40.155	ng	#	98
89) Benzo(a)pyrene	26.05	252	1190075	42.040	ng	#	97
90) Dibenzo(a,h)anthracene	30.64	278	1185889	40.562	ng	#	95
91) Benzo(g,h,i)perylene	30.56	276	1436060	41.603	ng	#	93

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

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