Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032252.D
Acq On : 24 Jan 2018 8:41
Operator : SJ/JU
Sample : J1249-03MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-2(0-2)MS

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:24 PM

Quant Time: Jan 24 10:10:39 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 10:00:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	43233	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	182112	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	129128	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	328624	20.00	ng		0.00
75) Chrysene-d12	22.43	240	408513	20.00	ng		0.00
86) Perylene-d12	26.11	264	453096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	305351	129.18	ng		0.00
7) Phenol-d6	7.84	99	384762	129.24	ng		0.00
23) Nitrobenzene-d5	9.92	82	232499	86.37	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	227658	106.54	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	791989	76.05	ng		0.00
78) Terphenyl-d14	20.63	244	1367341	73.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	26104	28.744	ng	#	73
3) Pyridine	4.27	79	47623	19.646	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	43063	50.566	ng	#	85
6) Aniline	8.02	93	41824	11.138	ng		98
8) 2-Chlorophenol	8.28	128	121310	45.862	ng	#	80
9) Benzaldehyde	7.82	77	58100	33.683	ng		83
10) Phenol	7.87	94	147773	50.389	ng		94
11) bis(2-Chloroethyl)ether	8.11	93	91225	38.827	ng		85
12) 1,3-Dichlorobenzene	8.61	146	129942m	37.535	ng		
13) 1,4-Dichlorobenzene	8.76	146	133751	38.371	ng		91
14) 1,2-Dichlorobenzene	9.09	146	129302	38.353	ng		94
15) Benzyl Alcohol	8.96	79	102625	47.451	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	86564	36.253	ng		74
17) 2-Methylphenol	9.16	107	96046	42.854	ng	#	95
18) Hexachloroethane	9.85	117	42807	39.959	ng		85
19) n-Nitroso-di-n-propylamine	9.54	70	75280	40.754	ng	#	89
20) 3+4-Methylphenols	9.50	107	131656	42.404	ng		95
22) Acetophenone	9.57	105	164703	39.815	ng	#	92
24) Nitrobenzene	9.97	77	117225	43.659	ng	#	88
25) Isophorone	10.49	82	211434	42.183	ng	#	84
26) 2-Nitrophenol	10.70	139	72420	45.520	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	123066	48.745	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	126983	42.049	ng		97
29) 2,4-Dichlorophenol	11.23	162	151351	48.720	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	163955	40.866	ng		98
31) Naphthalene	11.66	128	355368	39.392	ng		99
33) 4-Chloroaniline	11.75	127	52288	13.516	ng		95
34) Hexachlorobutadiene	11.93	225	114402	39.700	ng		97
35) Caprolactam	12.50	113	35604	37.778	ng	#	50
36) 4-Chloro-3-methylphenol	12.83	107	135703	47.724	ng	#	89
37) 2-Methylnaphthalene	13.22	142	296929	41.457	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	228733	40.637	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	224270	70.742	ng		92
42) 2,4,6-Trichlorophenol	13.81	196	139598	44.140	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.88	196	148357	40.526 ng	#	89
45) 1,1'-Biphenyl	14.20	154	421840	38.107 ng		95
46) 2-Chloronaphthalene	14.25	162	333246	38.697 ng		98
47) 2-Nitroaniline	14.45	65	79714	48.353 ng	#	74
48) Acenaphthylene	15.09	152	485097	36.991 ng		99
49) Dimethylphthalate	14.79	163	528063	46.732 ng	#	99
50) 2,6-Dinitrotoluene	14.92	165	99493	42.420 ng	#	74
51) Acenaphthene	15.43	154	308735	35.604 ng		97
52) 3-Nitroaniline	15.25	138	60879	28.739 ng	#	68
53) 2,4-Dinitrophenol	15.46	184	1440	8.081 ng	#	33
54) Dibenzofuran	15.76	168	514610	39.783 ng		99
55) 4-Nitrophenol	15.53	139	104450	67.658 ng	#	80
56) 2,4-Dinitrotoluene	15.70	165	138943	44.001 ng	#	65
57) Fluorene	16.40	166	407972	38.455 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	134108	39.601 ng	#	83
59) Diethylphthalate	16.13	149	422808	38.596 ng		98
60) 4-Chlorophenyl-phenylether	16.38	204	261595	40.196 ng		93
61) 4-Nitroaniline	16.41	138	87246	42.935 ng		87
62) Azobenzene	16.67	77	273380	39.871 ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	6372	7.605 ng	#	77
65) n-Nitrosodiphenylamine	16.59	169	385852	38.694 ng		99
66) 4-Bromophenyl-phenylether	17.27	248	185396	39.651 ng		94
67) Hexachlorobenzene	17.40	284	185492	35.858 ng	#	92
68) Atrazine	17.51	200	173230	41.308 ng		96
69) Pentachlorophenol	17.73	266	56753	17.164 ng		96
70) Phenanthrene	18.14	178	678174	37.066 ng		98
71) Anthracene	18.23	178	702132	38.476 ng		98
72) Carbazole	18.49	167	605709	38.262 ng		99
73) Di-n-butylphthalate	18.99	149	650365	34.768 ng		99
74) Fluoranthene	20.10	202	880094	38.418 ng		95
76) Benzidine	20.26	184	69735	6.826 ng		98
77) Pyrene	20.46	202	886393	34.516 ng		99
79) Butylbenzylphthalate	21.32	149	309162	33.601 ng	#	77
80) Benzo(a)anthracene	22.41	228	951960	37.470 ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	231635	24.407 ng	#	95
82) Chrysene	22.48	228	893817	36.634 ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	435174	32.253 ng	#	98
84) Di-n-octyl phthalate	23.62	149	767569	35.819 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1019387	34.140 ng	#	74
87) Benzo(b)fluoranthene	24.93	252	971932	35.489 ng	#	95
88) Benzo(k)fluoranthene	25.01	252	999749	37.357 ng	#	96
89) Benzo(a)pyrene	25.94	252	960652	37.080 ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	895092	35.853 ng	#	95
91) Benzo(g,h,i)perylene	31.73	276	835592	32.747 ng	#	92

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

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