Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032253.D
Acq On : 24 Jan 2018 9:19
Operator : SJ/JU
Sample : J1249-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:27 PM

Quant Time: Jan 24 10:11:56 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	8.72	152	44274	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	188258	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	130672	20.00	ng		0.00
63) Phenanthrene-d10	18.10	188	328459	20.00	ng		0.00
75) Chrysene-d12	22.43	240	409217	20.00	ng		0.00
86) Perylene-d12	26.11	264	440155	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	320165	132.26	ng		0.00
7) Phenol-d6	7.84	99	400603	131.40	ng		0.00
23) Nitrobenzene-d5	9.92	82	246003	88.41	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	244169	112.92	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	826479	78.42	ng		0.00
78) Terphenyl-d14	20.63	244	1419565	76.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	24261	26.087	ng	#	78
3) Pyridine	4.26	79	44795	18.045	ng		86
4) n-Nitrosodimethylamine	4.17	42	43660	50.062	ng	#	74
6) Aniline	8.02	93	93090	24.207	ng		92
8) 2-Chlorophenol	8.28	128	121875	44.992	ng	#	79
9) Benzaldehyde	7.83	77	60308	34.141	ng		82
10) Phenol	7.87	94	149823	49.886	ng		96
11) bis(2-Chloroethyl)ether	8.11	93	90361	37.555	ng	#	81
12) 1,3-Dichlorobenzene	8.61	146	130975	36.944	ng		96
13) 1,4-Dichlorobenzene	8.77	146	131578m	36.860	ng		
14) 1,2-Dichlorobenzene	9.09	146	128954	37.350	ng		97
15) Benzyl Alcohol	8.97	79	105355	47.568	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.25	45	88932	36.369	ng		78
17) 2-Methylphenol	9.17	107	97478	42.470	ng		92
18) Hexachloroethane	9.85	117	41046	37.415	ng	#	76
19) n-Nitroso-di-n-propylamine	9.54	70	78538	41.518	ng	#	90
20) 3+4-Methylphenols	9.50	107	136735	43.004	ng		96
22) Acetophenone	9.56	105	172126	40.251	ng	#	92
24) Nitrobenzene	9.97	77	118893	42.835	ng	#	89
25) Isophorone	10.49	82	216710	41.825	ng	#	85
26) 2-Nitrophenol	10.69	139	74896	45.539	ng		88
27) 2,4-Dimethylphenol	10.73	122	123478	47.312	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	130191	41.704	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	156785	48.821	ng		85
30) 1,2,4-Trichlorobenzene	11.46	180	164652	39.700	ng		99
31) Naphthalene	11.66	128	363949	39.026	ng		98
32) Benzoic acid	10.88	122	4450	7.149	ng	#	82
33) 4-Chloroaniline	11.75	127	119820	29.961	ng		93
34) Hexachlorobutadiene	11.93	225	116839	39.222	ng		97
35) Caprolactam	12.50	113	37053	38.032	ng	#	42
36) 4-Chloro-3-methylphenol	12.83	107	140551	47.815	ng		87
37) 2-Methylnaphthalene	13.22	142	307627	41.549	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	231299	40.607	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	226646	70.646	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	145706	45.527	ng		98
43) 2,4,5-Trichlorophenol	13.88	196	153242	41.366	ng	#	92
45) 1,1'-Biphenyl	14.20	154	426864	38.105	ng		96
46) 2-Chloronaphthalene	14.25	162	338590	38.853	ng		96
47) 2-Nitroaniline	14.44	65	82019	49.163	ng	#	75
48) Acenaphthylene	15.09	152	495132	37.311	ng		99
49) Dimethylphthalate	14.79	163	607455	53.123	ng		99
50) 2,6-Dinitrotoluene	14.92	165	101834	42.905	ng	#	73
51) Acenaphthene	15.43	154	317977	36.237	ng		99
52) 3-Nitroaniline	15.25	138	77536	36.169	ng	#	79
53) 2,4-Dinitrophenol	15.46	184	3930	9.977	ng	#	42
54) Dibenzofuran	15.76	168	531615	40.612	ng		99
55) 4-Nitrophenol	15.53	139	123124	78.812	ng	#	79
56) 2,4-Dinitrotoluene	15.70	165	143984	45.059	ng	#	67
57) Fluorene	16.40	166	418718	39.002	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	151787	44.292	ng	#	84
59) Diethylphthalate	16.13	149	432557	39.020	ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	266796	40.511	ng		93
61) 4-Nitroaniline	16.41	138	89141	43.349	ng		84
62) Azobenzene	16.67	77	277943	40.058	ng		89
64) 4,6-Dinitro-2-methylphenol	16.46	198	12664	10.295	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	392517	39.382	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	188462	40.327	ng		94
67) Hexachlorobenzene	17.40	284	190602	36.864	ng	#	92
68) Atrazine	17.51	200	175193	41.797	ng		94
69) Pentachlorophenol	17.74	266	107287	32.464	ng		98
70) Phenanthrene	18.14	178	686995	37.567	ng		100
71) Anthracene	18.23	178	701090	38.438	ng		98
72) Carbazole	18.49	167	619721	39.167	ng		99
73) Di-n-butylphthalate	18.99	149	665518	35.596	ng		99
74) Fluoranthene	20.10	202	888567	38.808	ng		94
76) Benzidine	20.26	184	184401	18.020	ng		97
77) Pyrene	20.46	202	892858	34.708	ng		99
79) Butylbenzylphthalate	21.32	149	316265	34.313	ng	#	78
80) Benzo(a)anthracene	22.41	228	956177	37.572	ng		98
81) 3,3'-Dichlorobenzidine	22.30	252	334980	35.236	ng	#	97
82) Chrysene	22.48	228	896034	36.661	ng		97
83) Bis(2-ethylhexyl)phthalate	22.25	149	452348	33.468	ng	#	98
84) Di-n-octyl phthalate	23.62	149	797973	37.173	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1057438	35.354	ng	#	73
87) Benzo(b)fluoranthene	24.93	252	1000997	37.624	ng	#	94
88) Benzo(k)fluoranthene	25.01	252	997208	38.358	ng	#	95
89) Benzo(a)pyrene	25.94	252	985581	39.161	ng	#	94
90) Dibenzo(a,h)anthracene	30.46	278	901883	37.187	ng	#	95
91) Benzo(g,h,i)perylene	31.72	276	755316	30.471	ng	#	92

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

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