Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032598.D
Acq On : 7 Feb 2018 17:50
Operator : SJ/JU
Sample : J1400-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-020618-AMSD

Manual Integrations APPROVED
Sohil
2/8/2018 3:36:45 PM

Quant Time: Feb 08 03:30:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	17504	20.00	ng		-0.02
21) Naphthalene-d8	11.57	136	80837	20.00	ng		-0.02
38) Acenaphthene-d10	15.33	164	58325	20.00	ng		-0.02
63) Phenanthrene-d10	18.07	188	144717	20.00	ng		0.00
75) Chrysene-d12	22.40	240	195749	20.00	ng		0.00
86) Perylene-d12	26.08	264	208178	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	107545	123.41	ng		-0.02
7) Phenol-d6	7.81	99	138581	119.17	ng		-0.01
23) Nitrobenzene-d5	9.88	82	115511	89.25	ng		-0.03
41) 2,4,6-Tribromophenol	16.81	330	161485	145.45	ng		0.00
44) 2-Fluorobiphenyl	13.95	172	423158	86.23	ng		-0.02
78) Terphenyl-d14	20.61	244	885244	96.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	10501	35.814	ng	#	75
3) Pyridine	4.26	79	25558	32.282	ng	#	80
4) n-Nitrosodimethylamine	4.15	42	18591	45.109	ng	#	64
6) Aniline	7.98	93	14773	10.189	ng		95
8) 2-Chlorophenol	8.24	128	48237	46.826	ng	#	76
9) Benzaldehyde	7.79	77	12346	20.555	ng		94
10) Phenol	7.84	94	48322m	43.756	ng		
11) bis(2-Chloroethyl)ether	8.08	93	38215	45.415	ng	#	79
12) 1,3-Dichlorobenzene	8.57	146	66896	48.019	ng		97
13) 1,4-Dichlorobenzene	8.72	146	68807	49.278	ng		95
14) 1,2-Dichlorobenzene	9.06	146	62985	46.047	ng		94
15) Benzyl Alcohol	8.93	79	44052	45.963	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.21	45	39535	49.583	ng		64
17) 2-Methylphenol	9.13	107	44153	49.227	ng	#	92
18) Hexachloroethane	9.80	117	24502	52.265	ng	#	82
19) n-Nitroso-di-n-propylamine	9.50	70	37186	48.227	ng	#	85
20) 3+4-Methylphenols	9.46	107	61013	48.495	ng		89
22) Acetophenone	9.53	105	81111	42.804	ng	#	94
24) Nitrobenzene	9.93	77	59487	47.534	ng	#	87
25) Isophorone	10.45	82	103702	47.058	ng	#	82
26) 2-Nitrophenol	10.66	139	33428	44.187	ng	#	84
27) 2,4-Dimethylphenol	10.70	122	53105	48.907	ng		95
28) bis(2-Chloroethoxy)methane	10.93	93	52705	43.615	ng		98
29) 2,4-Dichlorophenol	11.20	162	73538	51.124	ng		88
30) 1,2,4-Trichlorobenzene	11.42	180	81444	42.482	ng		98
31) Naphthalene	11.61	128	193402	48.985	ng		99
32) Benzoic acid	10.83	122	23659	32.059	ng		99
34) Hexachlorobutadiene	11.88	225	63362	42.479	ng		97
35) Caprolactam	12.47	113	11671	28.264	ng	#	67
36) 4-Chloro-3-methylphenol	12.80	107	55603	40.752	ng	#	88
37) 2-Methylnaphthalene	13.18	142	160681	48.443	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	94844	34.759	ng		98
40) Hexachlorocyclopentadiene	13.51	237	132693	77.832	ng		90
42) 2,4,6-Trichlorophenol	13.77	196	68002	45.817	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.85	196	66944	38.692	ng	#	92
45) 1,1'-Biphenyl	14.16	154	221359	44.922	ng		93
46) 2-Chloronaphthalene	14.22	162	174502	45.182	ng		99
47) 2-Nitroaniline	14.41	65	37379	43.765	ng	#	77
48) Acenaphthylene	15.06	152	206919	35.439	ng		99
49) Dimethylphthalate	14.76	163	224214	41.692	ng		98
50) 2,6-Dinitrotoluene	14.89	165	50126	44.409	ng	#	78
51) Acenaphthene	15.39	154	186612	46.086	ng		100
52) 3-Nitroaniline	15.23	138	8030	8.145	ng	#	88
53) 2,4-Dinitrophenol	15.43	184	51869	73.945	ng	#	58
54) Dibenzofuran	15.73	168	278446	46.460	ng		98
55) 4-Nitrophenol	15.53	139	60744	82.297	ng	#	75
56) 2,4-Dinitrotoluene	15.67	165	71148	44.271	ng	#	73
57) Fluorene	16.37	166	227688	45.718	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.94	232	76175	44.640	ng	#	86
59) Diethylphthalate	16.11	149	207319	39.582	ng		99
60) 4-Chlorophenyl-phenylether	16.35	204	136991	43.621	ng		95
61) 4-Nitroaniline	16.39	138	35888	33.962	ng		82
62) Azobenzene	16.64	77	139814	44.668	ng		83
64) 4,6-Dinitro-2-methylphenol	16.43	198	43533	40.266	ng	#	74
65) n-Nitrosodiphenylamine	16.56	169	204600	47.374	ng		97
66) 4-Bromophenyl-phenylether	17.24	248	99997	46.641	ng		95
67) Hexachlorobenzene	17.37	284	87556	36.903	ng	#	89
68) Atrazine	17.49	200	62769	33.856	ng		96
69) Pentachlorophenol	17.71	266	104238	70.132	ng		96
70) Phenanthrene	18.11	178	374731	46.433	ng		99
71) Anthracene	18.20	178	378632	47.118	ng		98
72) Carbazole	18.46	167	330628	46.567	ng		99
73) Di-n-butylphthalate	18.97	149	368334	46.856	ng		99
74) Fluoranthene	20.08	202	515860	48.741	ng		96
76) Benzidine	20.25	184	27612	7.184	ng	#	94
77) Pyrene	20.44	202	515277	42.918	ng		99
79) Butylbenzylphthalate	21.30	149	175742	46.407	ng	#	75
80) Benzo(a)anthracene	22.38	228	529036	43.594	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	54998	11.697	ng	#	97
82) Chrysene	22.46	228	507324	43.289	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	243675	45.380	ng	#	97
84) Di-n-octyl phthalate	23.59	149	424596	49.854	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	679040	45.802	ng	#	84
87) Benzo(b)fluoranthene	24.90	252	563825	44.824	ng	#	96
88) Benzo(k)fluoranthene	24.98	252	563570	45.228	ng	#	97
89) Benzo(a)pyrene	25.91	252	551001	45.948	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	577572	47.082	ng	#	93
91) Benzo(g,h,i)perylene	31.68	276	570689	46.869	ng	#	90

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

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