Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032301.D
Acq On : 25 Jan 2018 19:55
Operator : SJ/JU
Sample : J1281-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-AMSD

Quant Time: Jan 26 01:23:47 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 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37119	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	157102	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	124571	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	341135	20.00	ng		0.00
75) Chrysene-d12	22.43	240	401621	20.00	ng		0.00
86) Perylene-d12	26.10	264	437496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	258055	127.15	ng		0.00
7) Phenol-d6	7.84	99	300156	117.43	ng		0.00
23) Nitrobenzene-d5	9.92	82	236987	102.06	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	323798	157.08	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	862158	85.82	ng		0.00
78) Terphenyl-d14	20.63	244	1714558	94.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	24577	31.521	ng	#	71
3) Pyridine	4.28	79	65104	31.281	ng	#	79
4) n-Nitrosodimethylamine	4.17	42	43140	59.001	ng	#	74
6) Aniline	8.02	93	68870	21.361	ng		97
8) 2-Chlorophenol	8.27	128	116586	51.336	ng		83
9) Benzaldehyde	7.83	77	52317	35.326	ng		81
10) Phenol	7.87	94	105507	41.902	ng		93
11) bis(2-Chloroethyl)ether	8.11	93	90079	44.654	ng	#	79
12) 1,3-Dichlorobenzene	8.61	146	130224	43.812	ng		95
13) 1,4-Dichlorobenzene	8.76	146	132958	44.427	ng		93
14) 1,2-Dichlorobenzene	9.09	146	128705	44.464	ng		96
15) Benzyl Alcohol	8.96	79	105843	57.000	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	86465	42.176	ng		78
17) 2-Methylphenol	9.16	107	90699	47.134	ng		95
18) Hexachloroethane	9.84	117	43355	47.137	ng	#	80
19) n-Nitroso-di-n-propylamine	9.54	70	81055	51.108	ng	#	93
20) 3+4-Methylphenols	9.49	107	125596	47.115	ng		94
22) Acetophenone	9.56	105	174911	49.014	ng	#	90
24) Nitrobenzene	9.96	77	119012	51.381	ng	#	88
25) Isophorone	10.49	82	233102	53.910	ng	#	86
26) 2-Nitrophenol	10.69	139	74533	54.306	ng	#	79
27) 2,4-Dimethylphenol	10.73	122	124168	57.011	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	133978	51.428	ng		98
29) 2,4-Dichlorophenol	11.23	162	155282	57.943	ng		91
30) 1,2,4-Trichlorobenzene	11.46	180	170462	49.252	ng		96
31) Naphthalene	11.66	128	386960	49.722	ng		98
32) Benzoic acid	10.85	122	60830	36.260	ng		89
33) 4-Chloroaniline	11.75	127	47043	14.096	ng		93
34) Hexachlorobutadiene	11.92	225	123129	49.531	ng		96
35) Caprolactam	12.51	113	37848	46.552	ng	#	46
36) 4-Chloro-3-methylphenol	12.83	107	155779	63.506	ng		89
37) 2-Methylnaphthalene	13.22	142	319124	51.649	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	251244	46.269	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	304669	99.617	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	165193	54.143	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	179084	50.710	ng	#	90
45) 1,1'-Biphenyl	14.20	154	470306	44.040	ng		95
46) 2-Chloronaphthalene	14.25	162	376036	45.263	ng		96
47) 2-Nitroaniline	14.44	65	94294	59.289	ng	#	77
48) Acenaphthylene	15.09	152	565652	44.712	ng		100
49) Dimethylphthalate	14.79	163	538628	49.411	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	120573	53.288	ng	#	78
51) Acenaphthene	15.42	154	439439	52.531	ng		100
52) 3-Nitroaniline	15.25	138	46026	22.522	ng	#	70
53) 2,4-Dinitrophenol	15.45	184	125224	107.686	ng	#	58
54) Dibenzofuran	15.75	168	616748	49.423	ng		96
55) 4-Nitrophenol	15.53	139	149123	100.128	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	179132	58.803	ng	#	67
57) Fluorene	16.40	166	505943	49.434	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.97	232	199821	61.164	ng	#	85
59) Diethylphthalate	16.13	149	536602	50.776	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	325555	51.854	ng		94
61) 4-Nitroaniline	16.41	138	95281	48.604	ng		84
62) Azobenzene	16.67	77	336037	50.803	ng		88
64) 4,6-Dinitro-2-methylphenol	16.46	198	103383	47.414	ng	#	69
65) n-Nitrosodiphenylamine	16.59	169	482674	46.628	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	242725	50.008	ng		96
67) Hexachlorobenzene	17.40	284	248561	46.288	ng	#	92
68) Atrazine	17.51	200	221785	50.947	ng		97
69) Pentachlorophenol	17.73	266	308179	89.786	ng		98
70) Phenanthrene	18.14	178	886422	46.671	ng		99
71) Anthracene	18.23	178	903687	47.704	ng		98
72) Carbazole	18.48	167	765584	46.588	ng		100
73) Di-n-butylphthalate	18.99	149	861551	44.368	ng		99
74) Fluoranthene	20.10	202	1142823	48.058	ng		94
76) Benzidine	20.26	184	140626	14.002	ng		99
77) Pyrene	20.46	202	1139890	45.149	ng		98
79) Butylbenzylphthalate	21.32	149	397333	43.924	ng	#	75
80) Benzo(a)anthracene	22.40	228	1224156	49.011	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	238194	25.529	ng	#	96
82) Chrysene	22.48	228	1145624	47.760	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	557845	42.054	ng	#	96
84) Di-n-octyl phthalate	23.61	149	968058	45.950	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1544574	52.617	ng	#	83
87) Benzo(b)fluoranthene	24.93	252	1304291	49.322	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1262897	48.873	ng	#	94
89) Benzo(a)pyrene	25.93	252	1280136	51.174	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	1283469	53.243	ng	#	93
91) Benzo(g,h,i)perylene	31.73	276	1286919	52.232	ng	#	91

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

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