Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031859.D
Acq On : 29 Dec 2017 18:13
Operator : SJ/JU
Sample : IDOC-03 RJ
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-03 RJ

Manual Integrations APPROVED
Sohil
1/2/2018 1:06:30 PM

Quant Time: Dec 31 22:09:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	50385	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	213077	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	147309	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	379488	20.00	ng		0.00
75) Chrysene-d12	22.50	240	430248	20.00	ng		0.00
86) Perylene-d12	26.23	264	457243	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	315786	114.15	ng		0.00
7) Phenol-d6	7.89	99	413506	115.13	ng		0.00
23) Nitrobenzene-d5	9.99	82	223837	79.33	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	276372	122.96	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	815691	69.50	ng		0.00
78) Terphenyl-d14	20.68	244	1466491	77.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	29705	28.968	ng	#	71
3) Pyridine	4.31	79	46094	16.816	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	33607	30.384	ng	#	85
6) Aniline	8.08	93	67820	14.677	ng	#	86
8) 2-Chlorophenol	8.33	128	112587	35.086	ng	#	80
9) Benzaldehyde	7.88	77	33051	15.283	ng		83
10) Phenol	7.92	94	129413	35.690	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	91646	30.433	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	125141	31.404	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	127484m	31.318	ng		
14) 1,2-Dichlorobenzene	9.16	146	121140	31.408	ng		93
15) Benzyl Alcohol	9.02	79	87537	32.467	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.32	45	93281	38.037	ng		83
17) 2-Methylphenol	9.22	107	91989	35.455	ng		94
18) Hexachloroethane	9.91	117	38328	31.089	ng		89
19) n-Nitroso-di-n-propylamine	9.60	70	72961	29.746	ng	#	79
20) 3+4-Methylphenols	9.55	107	127661	34.620	ng		94
22) Acetophenone	9.63	105	160342	32.390	ng	#	86
24) Nitrobenzene	10.03	77	103542	35.603	ng	#	85
25) Isophorone	10.55	82	203645	33.525	ng	#	88
26) 2-Nitrophenol	10.76	139	66534	43.634	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	117455	36.606	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	131323	32.219	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	137583	36.525	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	142941	31.079	ng		99
31) Naphthalene	11.72	128	346278	32.201	ng		98
32) Benzoic acid	10.86	122	40328	22.555	ng	#	70
33) 4-Chloroaniline	11.81	127	75062	15.679	ng	#	91
34) Hexachlorobutadiene	11.99	225	94855	30.041	ng		97
35) Caprolactam	12.56	113	42231	36.987	ng	#	46
36) 4-Chloro-3-methylphenol	12.88	107	127304	36.593	ng	#	79
37) 2-Methylnaphthalene	13.28	142	289077	33.161	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	195398	31.492	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	218791	66.842	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	128045	35.793	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	141831	35.775	ng	#	92
45) 1,1'-Biphenyl	14.26	154	416380	33.094	ng		95
46) 2-Chloronaphthalene	14.31	162	308099	32.105	ng		95
47) 2-Nitroaniline	14.49	65	67546	40.753	ng	#	63
48) Acenaphthylene	15.15	152	478699	31.179	ng		99
49) Dimethylphthalate	14.85	163	471739	36.351	ng		98
50) 2,6-Dinitrotoluene	14.98	165	94680	39.659	ng	#	64
51) Acenaphthene	15.48	154	352737	35.081	ng		97
52) 3-Nitroaniline	15.30	138	59996	25.759	ng	#	69
53) 2,4-Dinitrophenol	15.50	184	101559	98.216	ng	#	65
54) Dibenzofuran	15.81	168	504506	32.732	ng		97
55) 4-Nitrophenol	15.58	139	154080	81.278	ng	#	67
56) 2,4-Dinitrotoluene	15.75	165	135266	44.064	ng	#	64
57) Fluorene	16.46	166	408737	32.643	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	150741	38.971	ng	#	84
59) Diethylphthalate	16.19	149	412870	32.642	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	240152	31.346	ng		92
61) 4-Nitroaniline	16.46	138	85123	37.451	ng	#	74
62) Azobenzene	16.73	77	268976	33.159	ng		81
64) 4,6-Dinitro-2-methylphenol	16.51	198	71940	40.531	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	384028	30.470	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	177564	32.357	ng		95
67) Hexachlorobenzene	17.46	284	181681	32.386	ng	#	89
68) Atrazine	17.57	200	168801	34.443	ng		98
69) Pentachlorophenol	17.79	266	242918	62.956	ng		99
70) Phenanthrene	18.20	178	697593	32.482	ng		100
71) Anthracene	18.28	178	716852	33.090	ng		99
72) Carbazole	18.54	167	632796	33.002	ng		99
73) Di-n-butylphthalate	19.05	149	711175	33.374	ng		99
74) Fluoranthene	20.15	202	880044	33.397	ng		97
76) Benzidine	20.31	184	144666	10.894	ng		98
77) Pyrene	20.51	202	891980	32.456	ng		98
79) Butylbenzylphthalate	21.37	149	311059	33.716	ng	#	78
80) Benzo(a)anthracene	22.47	228	882908	32.260	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	217548	20.502	ng	#	97
82) Chrysene	22.55	228	829619	32.038	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	434791	32.529	ng	#	98
84) Di-n-octyl phthalate	23.72	149	736895	32.735	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1100447	33.125	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	930622	32.788	ng	#	98
88) Benzo(k)fluoranthene	25.10	252	896943	31.577	ng	#	97
89) Benzo(a)pyrene	26.05	252	902151	33.188	ng	#	97
90) Dibenzo(a,h)anthracene	30.65	278	916915	32.660	ng	#	95
91) Benzo(g,h,i)perylene	30.56	276	1100447	33.200	ng	#	94

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

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