Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032515.D
Acq On : 2 Feb 2018 17:00
Operator : SJ/JU
Sample : J1395-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-020118MS

Manual Integrations APPROVED
Sohil
2/5/2018 11:15:05 AM

Quant Time: Feb 02 22:29:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26546	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	109981	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	81109	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	222553	20.00	ng		0.00
75) Chrysene-d12	22.41	240	279912	20.00	ng		0.00
86) Perylene-d12	26.08	264	312250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	153441	116.10	ng		0.00
7) Phenol-d6	7.84	99	175788	99.67	ng		0.00
23) Nitrobenzene-d5	9.91	82	138445	78.63	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	188545	122.12	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	518581	75.99	ng		-0.01
78) Terphenyl-d14	20.61	244	1096944	83.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	15517	34.895	ng	#	70
3) Pyridine	4.27	79	39754	33.109	ng	#	79
4) n-Nitrosodimethylamine	4.17	42	28494	45.588	ng	#	76
6) Aniline	8.01	93	18735	8.520	ng		96
8) 2-Chlorophenol	8.26	128	78775	50.424	ng		83
9) Benzaldehyde	7.81	77	24168	26.532	ng		91
10) Phenol	7.86	94	70348	42.003	ng		89
11) bis(2-Chloroethyl)ether	8.10	93	55177	43.238	ng	#	84
12) 1,3-Dichlorobenzene	8.59	146	89880	42.542	ng		94
13) 1,4-Dichlorobenzene	8.75	146	88966	42.013	ng		93
14) 1,2-Dichlorobenzene	9.07	146	89499	43.144	ng		96
15) Benzyl Alcohol	8.95	79	62652	43.104	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.23	45	52344	43.287	ng		60
17) 2-Methylphenol	9.16	107	55812	41.030	ng		97
18) Hexachloroethane	9.83	117	29671	41.733	ng	#	72
19) n-Nitroso-di-n-propylamine	9.53	70	48379	41.372	ng	#	91
20) 3+4-Methylphenols	9.49	107	80373	42.123	ng		91
22) Acetophenone	9.56	105	108317	42.014	ng	#	92
24) Nitrobenzene	9.96	77	80180	47.091	ng		93
25) Isophorone	10.47	82	146682	48.924	ng	#	86
26) 2-Nitrophenol	10.68	139	46670	45.343	ng	#	84
27) 2,4-Dimethylphenol	10.72	122	74069	50.138	ng		95
28) bis(2-Chloroethoxy)methane	10.95	93	79479	48.342	ng	#	93
29) 2,4-Dichlorophenol	11.23	162	100487	51.347	ng		89
30) 1,2,4-Trichlorobenzene	11.44	180	110807	42.482	ng		94
31) Naphthalene	11.64	128	242590	45.162	ng		99
32) Benzoic acid	10.81	122	5816m	11.760	ng		
33) 4-Chloroaniline	11.75	127	9182m	3.833	ng		
34) Hexachlorobutadiene	11.91	225	83748	41.268	ng		96
35) Caprolactam	12.49	113	20320	36.169	ng	#	51
36) 4-Chloro-3-methylphenol	12.82	107	92580	49.873	ng		86
37) 2-Methylnaphthalene	13.21	142	207902	46.070	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	159933	42.148	ng		97
40) Hexachlorocyclopentadiene	13.53	237	196019	82.679	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	97818	47.393	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	112858	46.906	ng	#	93
45) 1,1'-Biphenyl	14.19	154	298642	43.581	ng		94
46) 2-Chloronaphthalene	14.24	162	237461	44.213	ng		95
47) 2-Nitroaniline	14.43	65	55581	46.796	ng	#	77
48) Acenaphthylene	15.07	152	356096	43.857	ng		99
49) Dimethylphthalate	14.78	163	337097	45.075	ng	#	99
50) 2,6-Dinitrotoluene	14.91	165	74265	47.312	ng	#	81
51) Acenaphthene	15.41	154	231045	41.031	ng		100
52) 3-Nitroaniline	15.24	138	14940	10.897	ng	#	75
53) 2,4-Dinitrophenol	15.44	184	9335	13.143	ng	#	88
54) Dibenzofuran	15.74	168	388918	46.664	ng		98
55) 4-Nitrophenol	15.54	139	70022	68.218	ng	#	79
56) 2,4-Dinitrotoluene	15.68	165	106462	47.636	ng	#	73
57) Fluorene	16.38	166	317289	45.813	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	112232	47.294	ng	#	85
59) Diethylphthalate	16.12	149	330154	45.327	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	200357	45.877	ng		96
61) 4-Nitroaniline	16.40	138	53524	36.423	ng	#	77
62) Azobenzene	16.65	77	206531	47.447	ng		85
64) 4,6-Dinitro-2-methylphenol	16.45	198	15963	9.601	ng		76
65) n-Nitrosodiphenylamine	16.57	169	297936	44.858	ng		96
66) 4-Bromophenyl-phenylether	17.25	248	150797	45.736	ng		95
67) Hexachlorobenzene	17.38	284	159491	43.712	ng	#	90
68) Atrazine	17.50	200	137705	48.298	ng		97
69) Pentachlorophenol	17.72	266	83364	36.472	ng		98
70) Phenanthrene	18.12	178	556639	44.850	ng		100
71) Anthracene	18.21	178	576633	46.661	ng		98
72) Carbazole	18.48	167	479077	43.876	ng		98
73) Di-n-butylphthalate	18.98	149	556558	46.038	ng		99
74) Fluoranthene	20.09	202	743682	45.691	ng		96
76) Benzidine	20.26	184	52988	9.641	ng		99
77) Pyrene	20.44	202	752002	43.802	ng		100
79) Butylbenzylphthalate	21.30	149	258127	47.667	ng	#	76
80) Benzo(a)anthracene	22.39	228	814400	46.931	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	65292	9.711	ng	#	94
82) Chrysene	22.46	228	762520	45.501	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	357158	46.515	ng	#	96
84) Di-n-octyl phthalate	23.59	149	630990	51.811	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	1023907	48.297	ng	#	82
87) Benzo(b)fluoranthene	24.90	252	869654	46.094	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	854101	45.698	ng	#	96
89) Benzo(a)pyrene	25.91	252	859603	47.791	ng	#	94
90) Dibenzo(a,h)anthracene	30.42	278	876195	47.619	ng	#	93
91) Benzo(g,h,i)perylene	31.70	276	838443	45.908	ng	#	91

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

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