Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033935.D
Acq On : 24 Apr 2018 1:05
Operator : SJ/JU
Sample : J2152-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:36 PM

Quant Time: Apr 24 04:23:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	69067	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	299707	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	212390	20.00	ng		-0.02
63) Phenanthrene-d10	17.22	188	542532	20.00	ng		0.00
75) Chrysene-d12	21.47	240	549639	20.00	ng		-0.02
86) Perylene-d12	24.52	264	569646	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	506865	117.17	ng		0.00
7) Phenol-d6	7.00	99	635156	100.66	ng		0.00
23) Nitrobenzene-d5	8.98	82	468569	88.97	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	335225	135.29	ng		-0.02
44) 2-Fluorobiphenyl	13.09	172	1159364	80.19	ng		-0.02
78) Terphenyl-d14	19.85	244	1940236	79.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	60219	32.943	ng		91
3) Pyridine	3.81	79	163465	30.907	ng		93
4) n-Nitrosodimethylamine	3.72	42	90130	37.405	ng	#	94
6) Aniline	7.16	93	123756	14.673	ng		97
8) 2-Chlorophenol	7.40	128	190372	39.273	ng		97
9) Benzaldehyde	6.97	77	105892	29.446	ng		95
10) Phenol	7.03	94	220443	34.103	ng		96
11) bis(2-Chloroethyl)ether	7.26	93	185780	37.578	ng		93
12) 1,3-Dichlorobenzene	7.72	146	202928	36.366	ng		95
13) 1,4-Dichlorobenzene	7.86	146	204572	36.196	ng		97
14) 1,2-Dichlorobenzene	8.18	146	196504	35.752	ng		95
15) Benzyl Alcohol	8.07	79	200895	36.512	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	322486	33.444	ng		95
17) 2-Methylphenol	8.27	107	167649	34.999	ng		95
18) Hexachloroethane	8.90	117	74563	36.103	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	171227	31.835	ng		97
20) 3+4-Methylphenols	8.59	107	232563	33.413	ng		93
22) Acetophenone	8.64	105	302324	37.062	ng	#	97
24) Nitrobenzene	9.02	77	238941	41.636	ng		97
25) Isophorone	9.54	82	465111	39.282	ng		96
26) 2-Nitrophenol	9.72	139	108743	47.957	ng		91
27) 2,4-Dimethylphenol	9.79	122	199904	47.133	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	269084	43.001	ng		98
29) 2,4-Dichlorophenol	10.26	162	216967	45.889	ng		92
30) 1,2,4-Trichlorobenzene	10.48	180	210631	39.775	ng		99
31) Naphthalene	10.66	128	663212	43.032	ng		99
32) Benzoic acid	9.87	122	47716	15.176	ng	#	85
33) 4-Chloroaniline	10.77	127	25521	3.523	ng	#	91
34) Hexachlorobutadiene	10.95	225	126685	39.990	ng		98
35) Caprolactam	11.54	113	65787m	32.727	ng		
36) 4-Chloro-3-methylphenol	11.90	107	242205	41.972	ng		91
37) 2-Methylnaphthalene	12.27	142	469962	39.828	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	265680	37.671	ng		98
40) Hexachlorocyclopentadiene	12.63	237	262781	67.765	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	189506	44.071	ng		99
43) 2,4,5-Trichlorophenol	12.96	196	209186	42.316	ng		95
45) 1,1'-Biphenyl	13.30	154	633904	36.870	ng		97
46) 2-Chloronaphthalene	13.33	162	487741	37.414	ng		98
47) 2-Nitroaniline	13.54	65	172689	42.426	ng		90
48) Acenaphthylene	14.18	152	790863	36.497	ng		98
49) Dimethylphthalate	13.93	163	680050	36.400	ng		99
50) 2,6-Dinitrotoluene	14.04	165	155177	43.828	ng		89
51) Acenaphthene	14.52	154	510039	37.468	ng		99
52) 3-Nitroaniline	14.36	138	38210	9.939	ng	#	90
53) 2,4-Dinitrophenol	14.57	184	40676	32.124	ng	#	58
54) Dibenzofuran	14.86	168	783909	38.843	ng		95
55) 4-Nitrophenol	14.67	139	237514	78.772	ng		90
56) 2,4-Dinitrotoluene	14.82	165	215538	45.779	ng		86
57) Fluorene	15.51	166	669800	38.353	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	204378	45.153	ng		98
59) Diethylphthalate	15.30	149	720956	36.508	ng		99
60) 4-Chlorophenyl-phenylether	15.51	204	361230	39.545	ng		97
61) 4-Nitroaniline	15.54	138	165722	40.599	ng		92
62) Azobenzene	15.81	77	647376	36.775	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	50587	23.235	ng		92
65) n-Nitrosodiphenylamine	15.73	169	591757	37.517	ng		100
66) 4-Bromophenyl-phenylether	16.41	248	227876	38.246	ng		98
67) Hexachlorobenzene	16.52	284	236571	37.232	ng		97
68) Atrazine	16.69	200	257355	41.648	ng		97
69) Pentachlorophenol	16.86	266	221829	50.825	ng	#	25
70) Phenanthrene	17.26	178	1097438	37.706	ng		96
71) Anthracene	17.35	178	1119958	38.479	ng		99
72) Carbazole	17.62	167	1028446	36.626	ng		97
73) Di-n-butylphthalate	18.20	149	1240793	35.520	ng		98
74) Fluoranthene	19.27	202	1326530	37.679	ng		94
76) Benzidine	19.46	184	538512	36.282	ng		99
77) Pyrene	19.64	202	1326807	36.804	ng		94
79) Butylbenzylphthalate	20.55	149	584236	36.903	ng		92
80) Benzo(a)anthracene	21.45	228	1320854	38.110	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	238828	18.481	ng		99
82) Chrysene	21.52	228	1242073	37.529	ng		95
83) Bis(2-ethylhexyl)phthalate	21.40	149	809059	36.186	ng		98
84) Di-n-octyl phthalate	22.57	149	1408468	39.688	ng		100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1539742	40.870	ng	#	94
87) Benzo(b)fluoranthene	23.57	252	1361605	39.181	ng		99
88) Benzo(k)fluoranthene	23.63	252	1297234	37.580	ng		96
89) Benzo(a)pyrene	24.38	252	1305332	39.220	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1279365	39.727	ng		97
91) Benzo(g,h,i)perylene	29.07	276	1270931	40.107	ng		99

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

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