Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033874.D
Acq On : 19 Apr 2018 18:27
Operator : SJ/JU
Sample : J2423-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NYS-RBR200034MS

Manual Integrations APPROVED
Sohil
4/20/2018 3:07:48 PM

Quant Time: Apr 20 04:09:49 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	7.84	152	73476	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	307218	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	197306	20.00	ng		0.00
63) Phenanthrene-d10	17.23	188	482485	20.00	ng		0.00
75) Chrysene-d12	21.49	240	481100	20.00	ng		0.00
86) Perylene-d12	24.55	264	498499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	640309	139.13	ng		0.00
7) Phenol-d6	7.01	99	796439	118.65	ng		0.01
23) Nitrobenzene-d5	8.99	82	557804	103.33	ng		0.00
41) 2,4,6-Tribromophenol	15.97	330	362835	157.62	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	1307912	97.38	ng		0.00
78) Terphenyl-d14	19.86	244	2056558	96.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	84211	43.303	ng	#	88
3) Pyridine	3.82	79	166199	29.538	ng		96
4) n-Nitrosodimethylamine	3.73	42	126409	49.313	ng	#	87
6) Aniline	7.18	93	109528	12.206	ng		96
8) 2-Chlorophenol	7.41	128	236621	45.885	ng		99
9) Benzaldehyde	6.99	77	78060	18.780	ng		97
10) Phenol	7.04	94	270968	39.404	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	234150	44.520	ng		96
12) 1,3-Dichlorobenzene	7.73	146	260482	43.879	ng		96
13) 1,4-Dichlorobenzene	7.87	146	264198	43.941	ng		99
14) 1,2-Dichlorobenzene	8.19	146	248337	42.472	ng		94
15) Benzyl Alcohol	8.08	79	236374	40.383	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.37	45	422550	41.192	ng		97
17) 2-Methylphenol	8.28	107	206222	40.468	ng		96
18) Hexachloroethane	8.91	117	95539	43.484	ng		100
19) n-Nitroso-di-n-propylamine	8.65	70	211179	36.907	ng		94
20) 3+4-Methylphenols	8.60	107	283323	38.264	ng		96
22) Acetophenone	8.66	105	367861	43.994	ng	#	98
24) Nitrobenzene	9.04	77	284937	48.437	ng		98
25) Isophorone	9.56	82	553249	45.584	ng	#	95
26) 2-Nitrophenol	9.74	139	123616	53.183	ng		93
27) 2,4-Dimethylphenol	9.81	122	240061	55.217	ng		92
28) bis(2-Chloroethoxy)methane	10.05	93	319011	49.734	ng		96
29) 2,4-Dichlorophenol	10.27	162	248772	51.330	ng		92
30) 1,2,4-Trichlorobenzene	10.49	180	252350	46.488	ng		100
31) Naphthalene	10.68	128	739450	46.805	ng		98
32) Benzoic acid	9.94	122	146101	35.230	ng	#	87
33) 4-Chloroaniline	10.78	127	19267	2.595	ng		95
34) Hexachlorobutadiene	10.96	225	152609	46.995	ng	#	62
35) Caprolactam	11.56	113	73806m	35.819	ng		
36) 4-Chloro-3-methylphenol	11.91	107	274263	46.365	ng	#	90
37) 2-Methylnaphthalene	12.29	142	544903	45.050	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	306705	46.813	ng		97
40) Hexachlorocyclopentadiene	12.64	237	374189	103.871	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	207130	51.852	ng		93
43) 2,4,5-Trichlorophenol	12.97	196	226178	49.251	ng		94
45) 1,1'-Biphenyl	13.31	154	718712	44.999	ng		96
46) 2-Chloronaphthalene	13.34	162	549412	45.367	ng		100
47) 2-Nitroaniline	13.54	65	181902	48.106	ng		94
48) Acenaphthylene	14.19	152	886180	44.022	ng		98
49) Dimethylphthalate	13.94	163	765127	44.084	ng		99
50) 2,6-Dinitrotoluene	14.05	165	162303	49.345	ng		93
51) Acenaphthene	14.54	154	550453	43.528	ng		99
52) 3-Nitroaniline	14.37	138	23814	6.668	ng	#	78
53) 2,4-Dinitrophenol	14.58	184	146964	124.940	ng	#	58
54) Dibenzofuran	14.88	168	857949	45.761	ng		95
55) 4-Nitrophenol	14.69	139	265712	94.861	ng		89
56) 2,4-Dinitrotoluene	14.84	165	223650	51.134	ng	#	88
57) Fluorene	15.53	166	727930	44.868	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.10	232	218035	51.853	ng		99
59) Diethylphthalate	15.32	149	791121	43.124	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	381090	44.909	ng		96
61) 4-Nitroaniline	15.55	138	163134	43.020	ng		91
62) Azobenzene	15.82	77	727396	44.480	ng		99
64) 4,6-Dinitro-2-methylphenol	15.60	198	102407	44.608	ng		93
65) n-Nitrosodiphenylamine	15.74	169	643456	45.872	ng		99
66) 4-Bromophenyl-phenylether	16.42	248	241967	45.665	ng		94
67) Hexachlorobenzene	16.53	284	251633	44.531	ng		95
68) Atrazine	16.70	200	241205	43.893	ng		98
69) Pentachlorophenol	16.87	266	327024	84.252	ng		92
70) Phenanthrene	17.27	178	1169289	45.175	ng		96
71) Anthracene	17.36	178	1182002	45.664	ng		98
72) Carbazole	17.63	167	1085280	43.460	ng		97
73) Di-n-butylphthalate	18.21	149	1315736	42.353	ng		98
74) Fluoranthene	19.29	202	1389167	44.368	ng		95
76) Benzidine	19.48	184	51054m	3.930	ng		
77) Pyrene	19.65	202	1384117	43.863	ng		94
79) Butylbenzylphthalate	20.57	149	626543	45.213	ng		95
80) Benzo(a)anthracene	21.47	228	1365590	45.014	ng		97
81) 3,3'-Dichlorobenzidine	21.39	252	215618	19.062	ng		97
82) Chrysene	21.53	228	1285812	44.385	ng		95
83) Bis(2-ethylhexyl)phthalate	21.43	149	881366	45.036	ng		96
84) Di-n-octyl phthalate	22.60	149	1505031	48.451	ng		99
85) Indeno(1,2,3-cd)pyrene	28.04	276	1594379	48.349	ng	#	95
87) Benzo(b)fluoranthene	23.59	252	1435713	47.210	ng		100
88) Benzo(k)fluoranthene	23.66	252	1332977	44.126	ng		97
89) Benzo(a)pyrene	24.41	252	1362865	46.793	ng		98
90) Dibenzo(a,h)anthracene	28.11	278	1318900	46.799	ng		96
91) Benzo(g,h,i)perylene	29.13	276	1312822	47.342	ng		97

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

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