Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033781.D
Acq On : 12 Apr 2018 20:33
Operator : SJ/JU
Sample : J2307-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PH3-ARE-01MS

Manual Integrations APPROVED
Sohil
4/13/2018 4:45:37 PM

Quant Time: Apr 13 04:28:43 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	64812	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	279393	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	216664	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	564043	20.00	ng		0.00
75) Chrysene-d12	22.55	240	592762	20.00	ng		0.00
86) Perylene-d12	26.31	264	633392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	251611	72.80	ng		0.00
7) Phenol-d6	7.97	99	364509	61.38	ng		0.00
23) Nitrobenzene-d5	10.06	82	281470	46.29	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	203847	62.91	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	638608	42.55	ng		0.00
78) Terphenyl-d14	20.72	244	1259571	45.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	32043	18.255	ng	#	82
3) Pyridine	4.40	79	68499	14.117	ng		96
4) n-Nitrosodimethylamine	4.30	42	45097	22.647	ng	#	75
6) Aniline	8.16	93	36232	5.188	ng		91
8) 2-Chlorophenol	8.40	128	94949	24.029	ng		94
9) Benzaldehyde	7.97	77	22805	6.042	ng		87
10) Phenol	7.99	94	123651	21.088	ng		85
11) bis(2-Chloroethyl)ether	8.24	93	94035	19.648	ng		97
12) 1,3-Dichlorobenzene	8.74	146	103842	20.101	ng		95
13) 1,4-Dichlorobenzene	8.89	146	101556	19.629	ng		100
14) 1,2-Dichlorobenzene	9.22	146	102980	20.394	ng		97
15) Benzyl Alcohol	9.09	79	105814	22.630	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	184165	23.604	ng		93
17) 2-Methylphenol	9.29	107	83103m	20.805	ng		
18) Hexachloroethane	9.97	117	40718	20.391	ng		94
19) n-Nitroso-di-n-propylamine	9.66	70	95012	21.833	ng		97
20) 3+4-Methylphenols	9.63	107	118636	20.860	ng		92
22) Acetophenone	9.70	105	166718	21.781	ng	#	95
24) Nitrobenzene	10.10	77	140057	21.517	ng		89
25) Isophorone	10.61	82	240210	20.352	ng		98
26) 2-Nitrophenol	10.83	139	55497	22.520	ng	#	88
27) 2,4-Dimethylphenol	10.86	122	84562	23.621	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	127704	21.686	ng		98
29) 2,4-Dichlorophenol	11.37	162	104519	23.741	ng		96
30) 1,2,4-Trichlorobenzene	11.59	180	110588	19.334	ng		95
31) Naphthalene	11.79	128	310459	21.443	ng		98
32) Benzoic acid	11.00	122	46448	13.957	ng	#	82
34) Hexachlorobutadiene	12.05	225	85401	19.743	ng		98
35) Caprolactam	12.62	113	31506	18.267	ng	#	83
36) 4-Chloro-3-methylphenol	12.95	107	134432	23.412	ng		96
37) 2-Methylnaphthalene	13.34	142	219978m	19.575	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	147731	18.824	ng		98
40) Hexachlorocyclopentadiene	13.66	237	163140	35.459	ng		95
42) 2,4,6-Trichlorophenol	13.92	196	98932	21.697	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	102530	19.023	ng		97
45) 1,1'-Biphenyl	14.32	154	335375	20.148	ng		95
46) 2-Chloronaphthalene	14.37	162	261249	20.355	ng		93
47) 2-Nitroaniline	14.56	65	104176	21.670	ng		96
48) Acenaphthylene	15.20	152	435102	20.309	ng		99
49) Dimethylphthalate	14.90	163	385042	20.421	ng		99
50) 2,6-Dinitrotoluene	15.03	165	83844	21.747	ng		98
51) Acenaphthene	15.54	154	313625	22.709	ng		97
52) 3-Nitroaniline	15.39	138	12342	3.053	ng	#	93
53) 2,4-Dinitrophenol	15.57	184	90202	48.505	ng	#	79
54) Dibenzofuran	15.87	168	427828	20.972	ng		94
55) 4-Nitrophenol	15.66	139	117028	41.174	ng	#	88
56) 2,4-Dinitrotoluene	15.81	165	120809	21.281	ng		94
57) Fluorene	16.51	166	349007	20.082	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	110957	21.868	ng		96
59) Diethylphthalate	16.24	149	382782	20.906	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	205986	20.619	ng		97
61) 4-Nitroaniline	16.53	138	49429	12.076	ng		79
62) Azobenzene	16.78	77	385803	21.752	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	76256	22.599	ng		98
65) n-Nitrosodiphenylamine	16.70	169	328341	20.391	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	140140	21.156	ng		94
67) Hexachlorobenzene	17.51	284	143955	20.592	ng		95
68) Atrazine	17.61	200	97400	14.927	ng		97
69) Pentachlorophenol	17.85	266	177490	36.991	ng		98
70) Phenanthrene	18.25	178	611673	20.823	ng		99
71) Anthracene	18.34	178	599833	20.167	ng		100
72) Carbazole	18.59	167	567573	21.534	ng		97
73) Di-n-butylphthalate	19.09	149	683499	22.280	ng	#	99
74) Fluoranthene	20.20	202	755508	20.783	ng		98
77) Pyrene	20.56	202	790323	19.991	ng		99
79) Butylbenzylphthalate	21.41	149	308852	21.170	ng		99
80) Benzo(a)anthracene	22.53	228	742128	19.662	ng		99
82) Chrysene	22.61	228	727662	19.916	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	427308	21.248	ng		99
84) Di-n-octyl phthalate	23.73	149	732997	23.805	ng		100
85) Indeno(1,2,3-cd)pyrene	30.67	276	830366	21.020	ng	#	85
87) Benzo(b)fluoranthene	25.10	252	715636	19.556	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	753647	20.363	ng	#	98
89) Benzo(a)pyrene	26.13	252	698635	19.880	ng	#	97
90) Dibenzo(a,h)anthracene	30.75	278	692720	20.926	ng		98
91) Benzo(g,h,i)perylene	32.05	276	651797	19.884	ng	#	94

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

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