Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036530.D
Acq On : 4 Sep 2018 13:55
Operator : JU/SJ
Sample : J4712-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03MS

Manual Integrations APPROVED
Sohil
9/5/2018 3:13:03 PM

Quant Time: Sep 05 03:48:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68378	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	279840	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	180514	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	447112	20.00	ng		0.00
75) Chrysene-d12	21.69	240	456724	20.00	ng		0.00
86) Perylene-d12	24.90	264	477018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	381422	88.49	ng		0.00
7) Phenol-d6	7.22	99	531130	86.06	ng		0.00
23) Nitrobenzene-d5	9.22	82	307349	59.59	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	202192	93.87	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	682750	54.00	ng		0.00
78) Terphenyl-d14	20.03	244	1108509	56.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	48414	24.066	ng		100
3) Pyridine	3.93	79	142327	25.205	ng		97
4) n-Nitrosodimethylamine	3.85	42	74506	29.624	ng		95
6) Aniline	7.38	93	187753	23.967	ng		96
8) 2-Chlorophenol	7.62	128	144840	30.985	ng		97
9) Benzaldehyde	7.20	77	83987	19.762	ng		98
10) Phenol	7.24	94	208028	32.210	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	144376	28.197	ng		98
12) 1,3-Dichlorobenzene	7.95	146	152149	28.505	ng		98
13) 1,4-Dichlorobenzene	8.09	146	152052	28.215	ng		97
14) 1,2-Dichlorobenzene	8.41	146	145268	28.226	ng		99
15) Benzyl Alcohol	8.29	79	143295	28.802	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	272528	26.393	ng		98
17) 2-Methylphenol	8.49	107	132920	30.995	ng		97
18) Hexachloroethane	9.15	117	55831	28.896	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	121485	26.339	ng		95
20) 3+4-Methylphenols	8.82	107	183878	30.711	ng		100
22) Acetophenone	8.88	105	227810	31.001	ng	#	99
24) Nitrobenzene	9.26	77	172844	31.077	ng		97
25) Isophorone	9.78	82	334934	32.689	ng		98
26) 2-Nitrophenol	9.97	139	68119	30.908	ng		94
27) 2,4-Dimethylphenol	10.03	122	141648	34.715	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	199168	31.673	ng	#	97
29) 2,4-Dichlorophenol	10.51	162	151379	33.852	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	159796	30.546	ng		97
31) Naphthalene	10.91	128	460163	32.895	ng		99
32) Benzoic acid	10.08	122	9100	7.207	ng	#	86
33) 4-Chloroaniline	11.02	127	158166	24.674	ng		99
34) Hexachlorobutadiene	11.20	225	106112	30.190	ng		95
35) Caprolactam	11.78	113	53874m	30.243	ng		
36) 4-Chloro-3-methylphenol	12.13	107	167264	32.191	ng		99
37) 2-Methylnaphthalene	12.51	142	351041	34.296	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	199015	31.154	ng		98
40) Hexachlorocyclopentadiene	12.86	237	224002	67.394	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	129087	33.173	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	139353	33.575	ng	98
45) 1,1'-Biphenyl	13.52	154	448020	29.900	ng	97
46) 2-Chloronaphthalene	13.56	162	342864	29.973	ng	99
47) 2-Nitroaniline	13.76	65	111896	31.151	ng	96
48) Acenaphthylene	14.40	152	577243	32.289	ng	99
49) Dimethylphthalate	14.13	163	622177	42.210	ng	98
50) 2,6-Dinitrotoluene	14.25	165	92446	30.479	ng	98
51) Acenaphthene	14.75	154	374480	32.707	ng	100
52) 3-Nitroaniline	14.58	138	91841	28.098	ng	95
53) 2,4-Dinitrophenol	14.79	184	70927	61.737	ng	96
54) Dibenzofuran	15.08	168	547233	30.508	ng	98
55) 4-Nitrophenol	14.88	139	167411	62.643	ng	98
56) 2,4-Dinitrotoluene	15.04	165	130948	33.126	ng	92
57) Fluorene	15.73	166	433336	32.316	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	138778	35.587	ng	97
59) Diethylphthalate	15.50	149	446592	30.064	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	245356	29.632	ng	99
61) 4-Nitroaniline	15.74	138	111274	32.533	ng	96
62) Azobenzene	16.01	77	443011	29.311	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	64097	32.635	ng	99
65) n-Nitrosodiphenylamine	15.93	169	406904	30.628	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	161471	30.846	ng	98
67) Hexachlorobenzene	16.73	284	162067	30.277	ng	98
68) Atrazine	16.88	200	162969	32.681	ng	97
69) Pentachlorophenol	17.07	266	198254	54.497	ng	99
70) Phenanthrene	17.47	178	738416	32.502	ng	99
71) Anthracene	17.56	178	753233	33.260	ng	100
72) Carbazole	17.82	167	688506	30.442	ng	98
73) Di-n-butylphthalate	18.39	149	769782	30.564	ng	99
74) Fluoranthene	19.47	202	915879	33.065	ng	99
76) Benzidine	19.65	184	341547	23.439	ng	98
77) Pyrene	19.83	202	888425	31.632	ng	100
79) Butylbenzylphthalate	20.72	149	350213	31.332	ng	96
80) Benzo(a)anthracene	21.67	228	902621	32.622	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	257013	23.307	ng	99
82) Chrysene	21.74	228	833031	31.763	ng	100
83) Bis(2-ethylhexyl)phthalate	21.58	149	490961	31.389	ng	100
84) Di-n-octyl phthalate	22.79	149	831253	31.818	ng	98
85) Indeno(1,2,3-cd)pyrene	28.55	276	998110	32.766	ng	100
87) Benzo(b)fluoranthene	23.88	252	891530	33.657	ng	97
88) Benzo(k)fluoranthene	23.95	252	861983	33.309	ng	99
89) Benzo(a)pyrene	24.75	252	862461	33.883	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	814993	33.166	ng	97
91) Benzo(g,h,i)perylene	29.70	276	834622	33.799	ng	98

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

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