Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033296.D
Acq On : 22 Mar 2018 16:04
Operator : SJ/JU
Sample : J1756-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Manual Integrations APPROVED
Sohil
3/23/2018 3:45:12 PM

Quant Time: Mar 23 11:43:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36504	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	161852	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	128476	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	337220	20.00	ng		0.00
75) Chrysene-d12	22.59	240	325470	20.00	ng		0.00
86) Perylene-d12	26.40	264	343011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	331350	170.21	ng		0.00
7) Phenol-d6	7.99	99	481805	144.04	ng		0.00
23) Nitrobenzene-d5	10.09	82	354343	100.59	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	295345	153.70	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	862172	96.88	ng		0.00
78) Terphenyl-d14	20.76	244	1571939	103.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	38862	39.309	ng	#	83
3) Pyridine	4.42	79	90061	32.954	ng		97
4) n-Nitrosodimethylamine	4.32	42	58181	51.876	ng	#	87
6) Aniline	8.19	93	31640	8.044	ng	#	92
8) 2-Chlorophenol	8.44	128	124959	56.147	ng		98
9) Benzaldehyde	8.00	77	44674m	21.016	ng		
10) Phenol	8.02	94	165779	50.198	ng		86
11) bis(2-Chloroethyl)ether	8.28	93	112173	41.613	ng		96
12) 1,3-Dichlorobenzene	8.78	146	121106m	41.622	ng		
13) 1,4-Dichlorobenzene	8.93	146	121910	41.836	ng		96
14) 1,2-Dichlorobenzene	9.26	146	129113	45.397	ng		98
15) Benzyl Alcohol	9.13	79	146299	55.552	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	206712	47.040	ng		86
17) 2-Methylphenol	9.32	107	112664	50.079	ng	#	92
18) Hexachloroethane	10.01	117	49816	44.294	ng		95
19) n-Nitroso-di-n-propylamine	9.70	70	121076	49.398	ng		97
20) 3+4-Methylphenols	9.66	107	160940	50.243	ng		90
22) Acetophenone	9.73	105	207521	46.800	ng	#	95
24) Nitrobenzene	10.14	77	181427	48.115	ng		94
25) Isophorone	10.66	82	354854	51.900	ng		99
26) 2-Nitrophenol	10.86	139	73250	51.311	ng	#	94
27) 2,4-Dimethylphenol	10.90	122	124785	60.171	ng		89
28) bis(2-Chloroethoxy)methane	11.14	93	184434	54.064	ng		95
29) 2,4-Dichlorophenol	11.41	162	141784	55.593	ng		98
30) 1,2,4-Trichlorobenzene	11.63	180	151277	45.654	ng		96
31) Naphthalene	11.83	128	418873	49.942	ng		98
32) Benzoic acid	10.97	122	22008m	11.416	ng		
33) 4-Chloroaniline	11.94	127	21113	5.619	ng	#	89
34) Hexachlorobutadiene	12.08	225	107488	42.896	ng		98
35) Caprolactam	12.67	113	39855	39.889	ng		97
36) 4-Chloro-3-methylphenol	12.99	107	186696	56.126	ng		97
37) 2-Methylnaphthalene	13.38	142	312031	47.932	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	212174	45.592	ng		99
40) Hexachlorocyclopentadiene	13.71	237	231941	85.018	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	138479	51.216 ng		98
43) 2,4,5-Trichlorophenol	14.03	196	162861	50.959 ng		98
45) 1,1'-Biphenyl	14.35	154	444698	45.053 ng		99
46) 2-Chloronaphthalene	14.41	162	346567	45.537 ng		95
47) 2-Nitroaniline	14.60	65	142941	50.144 ng		96
48) Acenaphthylene	15.24	152	571176	44.962 ng		99
49) Dimethylphthalate	14.93	163	534663	47.819 ng		100
50) 2,6-Dinitrotoluene	15.07	165	113131	49.485 ng		95
51) Acenaphthene	15.57	154	370794	45.278 ng		93
52) 3-Nitroaniline	15.41	138	27270	11.378 ng	#	90
53) 2,4-Dinitrophenol	15.60	184	34498	33.998 ng		86
54) Dibenzofuran	15.90	168	574282	47.475 ng		92
55) 4-Nitrophenol	15.69	139	143139	84.929 ng	#	85
56) 2,4-Dinitrotoluene	15.85	165	166444	49.446 ng		90
57) Fluorene	16.54	166	482888	46.858 ng		98
58) 2,3,4,6-Tetrachlorophenol	16.11	232	162386	53.972 ng	#	94
59) Diethylphthalate	16.27	149	525569	48.409 ng		97
60) 4-Chlorophenyl-phenylether	16.52	204	282596	47.704 ng		97
61) 4-Nitroaniline	16.56	138	81091	33.409 ng	#	86
62) Azobenzene	16.81	77	514205	48.893 ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	45854	22.730 ng		91
65) n-Nitrosodiphenylamine	16.73	169	453850	47.143 ng		96
66) 4-Bromophenyl-phenylether	17.41	248	188811	47.675 ng		90
67) Hexachlorobenzene	17.54	284	195638	46.808 ng		97
68) Atrazine	17.65	200	190358	48.796 ng		98
69) Pentachlorophenol	17.88	266	186472	65.003 ng		96
70) Phenanthrene	18.28	178	809717	46.105 ng		99
71) Anthracene	18.38	178	841606	47.328 ng		98
72) Carbazole	18.63	167	721665	45.798 ng		98
73) Di-n-butylphthalate	19.12	149	856069	46.674 ng	#	98
74) Fluoranthene	20.24	202	1015000	46.703 ng		98
76) Benzidine	20.40	184	58340	6.610 ng		97
77) Pyrene	20.59	202	1013824	46.705 ng		99
79) Butylbenzylphthalate	21.45	149	375696	46.901 ng		98
80) Benzo(a)anthracene	22.58	228	979860	47.280 ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	63399	8.597 ng		98
82) Chrysene	22.65	228	931986	46.457 ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	517792	46.892 ng		98
84) Di-n-octyl phthalate	23.80	149	874947	51.750 ng		99
85) Indeno(1,2,3-cd)pyrene	30.81	276	1076624	49.637 ng	#	88
87) Benzo(b)fluoranthene	25.17	252	971037	48.999 ng	#	95
88) Benzo(k)fluoranthene	25.25	252	944463	47.122 ng	#	98
89) Benzo(a)pyrene	26.21	252	934992	49.129 ng	#	98
90) Dibenzo(a,h)anthracene	30.89	278	896491	50.009 ng	#	96
91) Benzo(g,h,i)perylene	32.20	276	887037	49.969 ng	#	93

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

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