Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036788.D
Acq On : 18 Sep 2018 16:32
Operator : JU/SJ
Sample : J4940-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
Sohil
9/19/2018 12:30:03 PM

Quant Time: Sep 19 06:48:22 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	8.05	152	56439	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	233085	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	149946	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	371813	20.00	ng	0.00
75) Chrysene-d12	21.69	240	369874	20.00	ng	0.00
86) Perylene-d12	24.89	264	383263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	344943	96.95	ng	0.00
7) Phenol-d6	7.21	99	448073	87.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	332682	77.44	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224596	125.53	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	728922	69.41	ng	-0.01
78) Terphenyl-d14	20.02	244	1272275	80.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	55378	33.352	ng	# 87
3) Pyridine	3.94	79	156457	33.569	ng	98
4) n-Nitrosodimethylamine	3.85	42	86408	41.624	ng	100
6) Aniline	7.37	93	213964	33.091	ng	97
8) 2-Chlorophenol	7.61	128	167225	43.341	ng	98
9) Benzaldehyde	7.19	77	69521	19.818	ng	99
10) Phenol	7.24	94	200690	37.647	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	172802	40.888	ng	98
12) 1,3-Dichlorobenzene	7.94	146	178181	40.444	ng	99
13) 1,4-Dichlorobenzene	8.08	146	180896	40.668	ng	98
14) 1,2-Dichlorobenzene	8.40	146	172990	40.723	ng	99
15) Benzyl Alcohol	8.28	79	171506	41.764	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	339668	39.853	ng	99
17) 2-Methylphenol	8.48	107	153663	43.411	ng	97
18) Hexachloroethane	9.14	117	67294	42.196	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	150623	39.564	ng	96
20) 3+4-Methylphenols	8.81	107	210796	42.655	ng	99
22) Acetophenone	8.87	105	272808	44.571	ng	# 98
24) Nitrobenzene	9.25	77	219488	47.380	ng	98
25) Isophorone	9.78	82	417204	48.887	ng	99
26) 2-Nitrophenol	9.96	139	96406	52.518	ng	99
27) 2,4-Dimethylphenol	10.02	122	174689	51.401	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	236956	45.241	ng	97
29) 2,4-Dichlorophenol	10.50	162	186199	49.991	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	188109	43.171	ng	97
31) Naphthalene	10.90	128	924760	79.367	ng	99
32) Benzoic acid	10.15	122	77536m	32.380	ng	
33) 4-Chloroaniline	11.01	127	104272	19.529	ng	98
34) Hexachlorobutadiene	11.19	225	127289	43.480	ng	99
35) Caprolactam	11.79	113	52041m	35.074	ng	
36) 4-Chloro-3-methylphenol	12.13	107	209943	48.509	ng	97
37) 2-Methylnaphthalene	12.51	142	454925	53.360	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	237628	44.781	ng	98
40) Hexachlorocyclopentadiene	12.85	237	279439	101.212	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162458	50.259 ng	99
43) 2,4,5-Trichlorophenol	13.18	196	175883	51.014 ng	99
45) 1,1'-Biphenyl	13.51	154	549291	44.131 ng	99
46) 2-Chloronaphthalene	13.55	162	420345	44.238 ng	99
47) 2-Nitroaniline	13.75	65	160565	53.812 ng	98
48) Acenaphthylene	14.40	152	759047	51.114 ng	99
49) Dimethylphthalate	14.13	163	575632	47.014 ng	99
50) 2,6-Dinitrotoluene	14.25	165	129672	51.468 ng	95
51) Acenaphthene	14.74	154	430973	45.315 ng	97
52) 3-Nitroaniline	14.58	138	101011	37.204 ng	97
53) 2,4-Dinitrophenol	14.78	184	81168	85.054 ng	97
54) Dibenzofuran	15.07	168	699727	46.961 ng	99
55) 4-Nitrophenol	14.88	139	180283	81.212 ng	97
56) 2,4-Dinitrotoluene	15.04	165	183795	55.973 ng	93
57) Fluorene	15.72	166	568939	51.078 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	177048	54.657 ng	96
59) Diethylphthalate	15.49	149	576707	46.737 ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	309954	45.064 ng	99
61) 4-Nitroaniline	15.74	138	141955	49.965 ng	98
62) Azobenzene	16.00	77	568527	45.283 ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	87088	53.320 ng	99
65) n-Nitrosodiphenylamine	15.93	169	509066	46.078 ng	98
66) 4-Bromophenyl-phenylether	16.61	248	207695	47.711 ng	98
67) Hexachlorobenzene	16.73	284	209429	47.049 ng	96
68) Atrazine	16.87	200	221075	53.312 ng	98
69) Pentachlorophenol	17.07	266	222089	73.412 ng	97
70) Phenanthrene	17.46	178	973423	51.523 ng	98
71) Anthracene	17.56	178	958432	50.891 ng	99
72) Carbazole	17.82	167	845013	44.928 ng	99
73) Di-n-butylphthalate	18.38	149	977256	46.660 ng	99
74) Fluoranthene	19.47	202	1150892	49.964 ng	99
76) Benzidine	19.65	184	338689	28.701 ng	98
77) Pyrene	19.83	202	1130196	49.690 ng	99
79) Butylbenzylphthalate	20.71	149	454002	50.156 ng	96
80) Benzo(a)anthracene	21.67	228	1124111	50.166 ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	284125	31.816 ng	99
82) Chrysene	21.74	228	1042655	49.091 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	610693	48.212 ng	100
84) Di-n-octyl phthalate	22.78	149	1031791	48.767 ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1261801	51.149 ng	99
87) Benzo(b)fluoranthene	23.88	252	1118010	52.532 ng	96
88) Benzo(k)fluoranthene	23.95	252	1067071	51.321 ng	97
89) Benzo(a)pyrene	24.75	252	1080637	52.840 ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1028432	52.090 ng	98
91) Benzo(g,h,i)perylene	29.69	276	1037028	52.268 ng	96

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

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