Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037077.D
Acq On : 1 Oct 2018 15:44
Operator : JU/SJ
Sample : PB113331BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113331BS

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:38 PM

Quant Time: Oct 01 16:20:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48173	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	200120	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	129793	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	335862	20.00	ng		0.00
75) Chrysene-d12	21.68	240	327741	20.00	ng		-0.01
86) Perylene-d12	24.88	264	336564	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	358944	142.90	ng		0.00
7) Phenol-d6	7.21	99	484395	124.64	ng		0.00
23) Nitrobenzene-d5	9.20	82	314085	84.05	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	202996	130.72	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	693869	79.62	ng		-0.01
78) Terphenyl-d14	20.01	244	1194551	95.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50381	43.832	ng		100
3) Pyridine	3.91	79	132801	40.014	ng		98
4) n-Nitrosodimethylamine	3.83	42	72545	49.181	ng	#	93
6) Aniline	7.36	93	154720	30.681	ng		96
8) 2-Chlorophenol	7.61	128	139113	47.696	ng		94
9) Benzaldehyde	7.18	77	86388	33.640	ng		96
10) Phenol	7.23	94	190473	47.489	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	136978	36.920	ng		99
12) 1,3-Dichlorobenzene	7.93	146	150079	41.971	ng		99
13) 1,4-Dichlorobenzene	8.08	146	150221	41.052	ng		99
14) 1,2-Dichlorobenzene	8.39	146	145358	40.991	ng		99
15) Benzyl Alcohol	8.28	79	124721	39.551	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	286210	40.181	ng		96
17) 2-Methylphenol	8.48	107	121892	43.628	ng		99
18) Hexachloroethane	9.12	117	58691	43.584	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	119671	37.015	ng		93
20) 3+4-Methylphenols	8.80	107	170006	43.740	ng		97
22) Acetophenone	8.86	105	212856	45.262	ng	#	98
24) Nitrobenzene	9.25	77	175071	43.869	ng		96
25) Isophorone	9.76	82	334194	48.942	ng		99
26) 2-Nitrophenol	9.96	139	75210	47.281	ng		98
27) 2,4-Dimethylphenol	10.01	122	130384	52.620	ng		100
28) bis(2-Chloroethoxy)methane	10.24	93	194674	46.203	ng		97
29) 2,4-Dichlorophenol	10.49	162	145165	50.538	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	155776	43.336	ng		100
31) Naphthalene	10.90	128	447527	47.000	ng		99
32) Benzoic acid	10.16	122	40320	24.483	ng		94
33) 4-Chloroaniline	11.01	127	97701	22.567	ng		98
34) Hexachlorobutadiene	11.17	225	104513	42.043	ng		99
35) Caprolactam	11.78	113	54870m	46.412	ng		
36) 4-Chloro-3-methylphenol	12.12	107	164906	48.115	ng		98
37) 2-Methylnaphthalene	12.49	142	342301	47.201	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	188483	41.636	ng		98
40) Hexachlorocyclopentadiene	12.84	237	234185	100.585	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	118859	47.282 ng		96
43) 2,4,5-Trichlorophenol	13.18	196	136353	50.868 ng		99
45) 1,1'-Biphenyl	13.50	154	444106	44.677 ng		98
46) 2-Chloronaphthalene	13.55	162	339409	43.418 ng		99
47) 2-Nitroaniline	13.75	65	124343	45.987 ng		99
48) Acenaphthylene	14.39	152	587148	47.932 ng		100
49) Dimethylphthalate	14.12	163	467047	44.704 ng		99
50) 2,6-Dinitrotoluene	14.24	165	103183	45.267 ng		97
51) Acenaphthene	14.73	154	333397	45.033 ng		99
52) 3-Nitroaniline	14.57	138	75721	31.524 ng		90
53) 2,4-Dinitrophenol	14.78	184	50552	50.446 ng		95
54) Dibenzofuran	15.06	168	560288	44.742 ng		99
55) 4-Nitrophenol	14.88	139	159808	104.145 ng		97
56) 2,4-Dinitrotoluene	15.03	165	151539	47.643 ng		91
57) Fluorene	15.71	166	454141	48.520 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	138811	51.048 ng		96
59) Diethylphthalate	15.48	149	474925	45.071 ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	252518	42.601 ng		100
61) 4-Nitroaniline	15.74	138	116191	45.988 ng		92
62) Azobenzene	16.00	77	477683	47.179 ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	65122	37.087 ng		95
65) n-Nitrosodiphenylamine	15.92	169	416075	44.873 ng		97
66) 4-Bromophenyl-phenylether	16.60	248	160817	42.096 ng		97
67) Hexachlorobenzene	16.72	284	166906	42.420 ng		98
68) Atrazine	16.87	200	175401	46.719 ng		99
69) Pentachlorophenol	17.06	266	170291	68.743 ng		96
70) Phenanthrene	17.45	178	771402	47.662 ng		99
71) Anthracene	17.55	178	798625	49.902 ng		100
72) Carbazole	17.81	167	705933	45.241 ng		99
73) Di-n-butylphthalate	18.36	149	824435	47.576 ng		100
74) Fluoranthene	19.46	202	947149	48.616 ng		99
76) Benzidine	19.64	184	329752	33.283 ng		97
77) Pyrene	19.82	202	933705	47.475 ng		99
79) Butylbenzylphthalate	20.70	149	374690	47.797 ng		97
80) Benzo(a)anthracene	21.66	228	920027	48.089 ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	227784	31.279 ng		96
82) Chrysene	21.72	228	865992	46.848 ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	521225	47.595 ng		100
84) Di-n-octyl phthalate	22.76	149	880360	48.825 ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1011895	50.977 ng	#	93
87) Benzo(b)fluoranthene	23.86	252	892853	49.779 ng		98
88) Benzo(k)fluoranthene	23.93	252	880463	48.929 ng		98
89) Benzo(a)pyrene	24.73	252	872764	50.331 ng		99
90) Dibenzo(a,h)anthracene	28.59	278	827491	50.917 ng		98
91) Benzo(g,h,i)perylene	29.67	276	838924	51.435 ng		98

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

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