Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036008.D
Acq On : 31 Jul 2018 19:26
Operator : JU/SJ
Sample : PB111635BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111635BS

Manual Integrations APPROVED
Sohil
8/1/2018 5:08:55 PM

Quant Time: Aug 01 01:23:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39410	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	144140	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	108414	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	284713	20.00	ng		0.00
75) Chrysene-d12	21.66	240	306041	20.00	ng		0.00
86) Perylene-d12	24.85	264	292469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	335566	141.36	ng		0.00
7) Phenol-d6	7.19	99	493740	139.41	ng		0.00
23) Nitrobenzene-d5	9.19	82	317899	92.13	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	225060	157.50	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	750564	92.75	ng		0.00
78) Terphenyl-d14	20.00	244	1343577	96.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	38632	31.976	ng	#	72
3) Pyridine	3.91	79	107977	34.235	ng	#	73
4) n-Nitrosodimethylamine	3.83	42	49089	36.248	ng	#	71
6) Aniline	7.35	93	86347	18.810	ng		94
8) 2-Chlorophenol	7.59	128	113786	47.131	ng		92
9) Benzaldehyde	7.17	77	68646	31.589	ng		95
10) Phenol	7.22	94	170739	47.718	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	111031	39.623	ng		91
12) 1,3-Dichlorobenzene	7.91	146	125607	43.084	ng		96
13) 1,4-Dichlorobenzene	8.06	146	128016	43.216	ng		96
14) 1,2-Dichlorobenzene	8.38	146	122904	43.189	ng		97
15) Benzyl Alcohol	8.26	79	134131	41.706	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	125284	53.329	ng		79
17) 2-Methylphenol	8.46	107	113447	46.633	ng	#	93
18) Hexachloroethane	9.10	117	48033	42.409	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	103719	34.778	ng		90
20) 3+4-Methylphenols	8.80	107	157554	46.684	ng		91
22) Acetophenone	8.85	105	192924	43.041	ng	#	93
24) Nitrobenzene	9.23	77	160491	46.250	ng		94
25) Isophorone	9.74	82	307410	47.994	ng		97
26) 2-Nitrophenol	9.94	139	69048	56.027	ng	#	93
27) 2,4-Dimethylphenol	10.00	122	120721	57.869	ng		89
28) bis(2-Chloroethoxy)methane	10.23	93	160965	45.607	ng		92
29) 2,4-Dichlorophenol	10.48	162	133856	56.211	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	143530	49.154	ng		96
31) Naphthalene	10.87	128	350203	46.642	ng		98
32) Benzoic acid	10.17	122	49832	35.484	ng	#	89
33) 4-Chloroaniline	11.00	127	26147	7.990	ng		98
34) Hexachlorobutadiene	11.15	225	110030	48.323	ng		96
35) Caprolactam	11.77	113	45600m	44.622	ng		
36) 4-Chloro-3-methylphenol	12.11	107	168514	52.794	ng		97
37) 2-Methylnaphthalene	12.48	142	284356	50.834	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190477	46.550	ng		98
40) Hexachlorocyclopentadiene	12.82	237	253311	118.040	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	126794	52.986	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	135921	50.774	ng		99
45) 1,1'-Biphenyl	13.48	154	390216	46.425	ng		98
46) 2-Chloronaphthalene	13.53	162	312210	47.753	ng		99
47) 2-Nitroaniline	13.73	65	108442	46.916	ng		96
48) Acenaphthylene	14.37	152	519483	47.433	ng		98
49) Dimethylphthalate	14.10	163	437957	46.107	ng		99
50) 2,6-Dinitrotoluene	14.23	165	101854	52.657	ng		89
51) Acenaphthene	14.71	154	304290	44.602	ng		99
52) 3-Nitroaniline	14.56	138	23383	11.828	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	102844	101.469	ng	#	63
54) Dibenzofuran	15.04	168	507260	46.752	ng		93
55) 4-Nitrophenol	14.88	139	132098	93.824	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	145026	52.262	ng	#	88
57) Fluorene	15.70	166	424618	46.693	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	141254	55.033	ng		93
59) Diethylphthalate	15.46	149	438531	44.899	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	250372	46.843	ng		98
61) 4-Nitroaniline	15.72	138	92944	44.944	ng	#	82
62) Azobenzene	15.98	77	440554	45.728	ng		93
64) 4,6-Dinitro-2-methylphenol	15.78	198	84211	53.133	ng		84
65) n-Nitrosodiphenylamine	15.90	169	374095	46.162	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	167590	50.736	ng		94
67) Hexachlorobenzene	16.70	284	170950	50.255	ng		95
68) Atrazine	16.85	200	169677	50.852	ng		94
69) Pentachlorophenol	17.05	266	158212	76.360	ng		99
70) Phenanthrene	17.43	178	684678	48.194	ng		98
71) Anthracene	17.53	178	702564	49.665	ng		98
72) Carbazole	17.80	167	630036	46.898	ng		99
73) Di-n-butylphthalate	18.34	149	727142	45.803	ng	#	98
74) Fluoranthene	19.44	202	895328	46.787	ng		98
76) Benzidine	19.62	184	233928	29.074	ng		99
77) Pyrene	19.80	202	899607	46.488	ng		98
79) Butylbenzylphthalate	20.68	149	339531	49.064	ng		98
80) Benzo(a)anthracene	21.63	228	905430	47.475	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	172638	25.961	ng	#	99
82) Chrysene	21.70	228	852797	48.254	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	468830	49.834	ng	#	97
84) Di-n-octyl phthalate	22.73	149	804347	51.062	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	981903	50.182	ng	#	94
87) Benzo(b)fluoranthene	23.84	252	887713	49.938	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	839237	48.291	ng	#	98
89) Benzo(a)pyrene	24.70	252	843209	50.987	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	817177	50.332	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	817020	51.426	ng	#	92

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

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