Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035799.D
Acq On : 21 Jul 2018 00:37
Operator : JU/SJ
Sample : PB111227BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111227BSD

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:10 PM

Quant Time: Jul 21 04:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53036	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	195631	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	140535	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	359243	20.00	ng		0.00
75) Chrysene-d12	21.66	240	374933	20.00	ng		0.00
86) Perylene-d12	24.86	264	367301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	428358	134.09	ng		0.00
7) Phenol-d6	7.21	99	618913	129.86	ng		0.00
23) Nitrobenzene-d5	9.19	82	395803	84.52	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	259929	140.32	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	905476	86.32	ng		0.00
78) Terphenyl-d14	20.01	244	1553650	91.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49283	30.311	ng	#	78
3) Pyridine	3.92	79	143760	33.869	ng	#	73
4) n-Nitrosodimethylamine	3.83	42	59956	32.897	ng	#	72
6) Aniline	7.36	93	133951	21.683	ng		97
8) 2-Chlorophenol	7.60	128	145187	44.687	ng		95
9) Benzaldehyde	7.17	77	75700	25.886	ng		97
10) Phenol	7.23	94	211847	43.995	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	141960	37.645	ng		92
12) 1,3-Dichlorobenzene	7.92	146	157446m	40.130	ng		
13) 1,4-Dichlorobenzene	8.06	146	161857	40.602	ng		97
14) 1,2-Dichlorobenzene	8.38	146	153856	40.176	ng		95
15) Benzyl Alcohol	8.27	79	166437	38.455	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	160176	50.664	ng		78
17) 2-Methylphenol	8.47	107	143240	43.753	ng		92
18) Hexachloroethane	9.11	117	61407	40.288	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	133231	33.196	ng	#	86
20) 3+4-Methylphenols	8.80	107	192423	42.368	ng		94
22) Acetophenone	8.85	105	241791	39.745	ng	#	93
24) Nitrobenzene	9.23	77	198139	42.071	ng	#	91
25) Isophorone	9.76	82	377644	43.441	ng		100
26) 2-Nitrophenol	9.94	139	86945	51.981	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	151075	53.358	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	199497	41.647	ng		93
29) 2,4-Dichlorophenol	10.48	162	165593	51.236	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	177209	44.714	ng		95
31) Naphthalene	10.88	128	433079	42.498	ng		96
32) Benzoic acid	10.17	122	77034m	40.416	ng		
33) 4-Chloroaniline	10.99	127	42012	9.459	ng	#	93
34) Hexachlorobutadiene	11.17	225	135126	43.725	ng		95
35) Caprolactam	11.77	113	57090m	41.162	ng		
36) 4-Chloro-3-methylphenol	12.12	107	199533	46.058	ng		91
37) 2-Methylnaphthalene	12.48	142	341402	44.968	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	234775	44.262	ng		98
40) Hexachlorocyclopentadiene	12.83	237	325313	116.944	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	153237	49.400	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	166745	48.051	ng		96
45) 1,1'-Biphenyl	13.49	154	465754	42.747	ng		98
46) 2-Chloronaphthalene	13.53	162	373705	44.095	ng		97
47) 2-Nitroaniline	13.73	65	124594	41.584	ng		90
48) Acenaphthylene	14.38	152	604132	42.554	ng		99
49) Dimethylphthalate	14.11	163	506804	41.160	ng		99
50) 2,6-Dinitrotoluene	14.23	165	117454	46.843	ng		93
51) Acenaphthene	14.72	154	353354	39.956	ng		98
52) 3-Nitroaniline	14.56	138	42508	16.587	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	88489	69.564	ng	#	62
54) Dibenzofuran	15.05	168	589929	41.944	ng		93
55) 4-Nitrophenol	14.88	139	169437	92.839	ng		88
56) 2,4-Dinitrotoluene	15.02	165	167072	46.445	ng	#	88
57) Fluorene	15.70	166	489435	41.519	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	163133	49.031	ng		92
59) Diethylphthalate	15.47	149	503849	39.796	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	286953	41.416	ng		97
61) 4-Nitroaniline	15.73	138	106262	39.640	ng		86
62) Azobenzene	15.98	77	503929	40.351	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	79784	39.896	ng		82
65) n-Nitrosodiphenylamine	15.91	169	439842	43.015	ng		94
66) 4-Bromophenyl-phenylether	16.58	248	193787	46.496	ng		92
67) Hexachlorobenzene	16.70	284	196702	45.829	ng		93
68) Atrazine	16.85	200	200689	47.668	ng		98
69) Pentachlorophenol	17.05	266	170299	65.142	ng		99
70) Phenanthrene	17.44	178	782013	43.625	ng		98
71) Anthracene	17.53	178	807867	45.261	ng		98
72) Carbazole	17.80	167	723044	42.655	ng		98
73) Di-n-butylphthalate	18.35	149	847625	42.315	ng	#	99
74) Fluoranthene	19.45	202	1031376	42.715	ng		95
76) Benzidine	19.62	184	295569	29.985	ng		99
77) Pyrene	19.81	202	1034654	43.643	ng		96
79) Butylbenzylphthalate	20.69	149	389544	45.948	ng		97
80) Benzo(a)anthracene	21.64	228	1029945	44.081	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	186790	22.928	ng	#	98
82) Chrysene	21.70	228	956448	44.175	ng		96
83) Bis(2-ethylhexyl)phthalate	21.54	149	535895	46.496	ng		100
84) Di-n-octyl phthalate	22.74	149	911404	47.227	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1106482	46.159	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	994985	44.569	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	957736	43.882	ng	#	96
89) Benzo(a)pyrene	24.71	252	961576	46.299	ng	#	97
90) Dibenzo(a,h)anthracene	28.57	278	938909	46.048	ng	#	95
91) Benzo(g,h,i)perylene	29.65	276	928407	46.531	ng	#	92

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

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