Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035779.D
Acq On : 20 Jul 2018 11:03
Operator : JU/SJ
Sample : PB111272BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 20 12:19:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB111272BS

Manual Integrations APPROVED
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7/20/2018 1:57:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45715	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	159392	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	109575	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	287528	20.00	ng		0.00
75) Chrysene-d12	21.66	240	325095	20.00	ng		-0.01
86) Perylene-d12	24.86	264	313205	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	377232	137.00	ng		0.00
7) Phenol-d6	7.20	99	548200	133.44	ng		0.00
23) Nitrobenzene-d5	9.19	82	346284	90.76	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	223405	154.68	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	787063	96.23	ng		-0.01
78) Terphenyl-d14	20.00	244	1391290	94.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47288	33.742	ng	#	75
3) Pyridine	3.92	79	124819	34.116	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	55461	35.304	ng	#	86
6) Aniline	7.36	93	95557	17.945	ng		97
8) 2-Chlorophenol	7.60	128	120293	42.955	ng		93
9) Benzaldehyde	7.17	77	68208	27.059	ng		90
10) Phenol	7.22	94	175226	42.218	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	118194	36.362	ng		91
12) 1,3-Dichlorobenzene	7.92	146	133996m	39.622	ng		
13) 1,4-Dichlorobenzene	8.06	146	137881	40.127	ng		95
14) 1,2-Dichlorobenzene	8.38	146	132546	40.154	ng		96
15) Benzyl Alcohol	8.27	79	133312	35.734	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	134903	49.504	ng		73
17) 2-Methylphenol	8.48	107	115640	40.979	ng	#	91
18) Hexachloroethane	9.11	117	50990	38.811	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	108018	31.224	ng	#	86
20) 3+4-Methylphenols	8.80	107	157243	40.166	ng		94
22) Acetophenone	8.85	105	202721	40.899	ng	#	90
24) Nitrobenzene	9.23	77	159286	41.511	ng		95
25) Isophorone	9.75	82	309663	43.720	ng		98
26) 2-Nitrophenol	9.94	139	68397	50.189	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	118997	51.584	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	168195	43.095	ng		96
29) 2,4-Dichlorophenol	10.48	162	132485	50.312	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	145177	44.960	ng		98
31) Naphthalene	10.88	128	364016	43.842	ng		98
32) Benzoic acid	10.16	122	52473	33.789	ng		93
33) 4-Chloroaniline	11.00	127	31189	8.619	ng	#	97
34) Hexachlorobutadiene	11.17	225	113564	45.102	ng		95
35) Caprolactam	11.76	113	43394m	38.400	ng		
36) 4-Chloro-3-methylphenol	12.12	107	161198	45.669	ng		94
37) 2-Methylnaphthalene	12.48	142	276940	44.771	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190524	46.068	ng		99
40) Hexachlorocyclopentadiene	12.83	237	257440	118.693	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	120094	49.654	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	132443	48.950	ng		96
45) 1,1'-Biphenyl	13.49	154	383452	45.137	ng		99
46) 2-Chloronaphthalene	13.53	162	301164	45.576	ng		99
47) 2-Nitroaniline	13.73	65	101183	43.312	ng		99
48) Acenaphthylene	14.38	152	494944	44.714	ng		97
49) Dimethylphthalate	14.11	163	417731	43.512	ng		99
50) 2,6-Dinitrotoluene	14.23	165	95510	48.854	ng		90
51) Acenaphthene	14.72	154	298000	43.217	ng		96
52) 3-Nitroaniline	14.56	138	29591	14.809	ng	#	93
53) 2,4-Dinitrophenol	14.77	184	64499	65.460	ng	#	74
54) Dibenzofuran	15.05	168	486973	44.406	ng		95
55) 4-Nitrophenol	14.88	139	136513	95.933	ng		88
56) 2,4-Dinitrotoluene	15.01	165	134977	48.125	ng	#	89
57) Fluorene	15.70	166	401754	43.710	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	128547	49.552	ng	#	92
59) Diethylphthalate	15.47	149	412380	41.774	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	232612	43.059	ng		96
61) 4-Nitroaniline	15.72	138	88415	42.301	ng	#	86
62) Azobenzene	15.98	77	414583	42.577	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	61210	38.243	ng		86
65) n-Nitrosodiphenylamine	15.91	169	357385	43.668	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	154649	46.360	ng		95
67) Hexachlorobenzene	16.71	284	161886	47.125	ng		94
68) Atrazine	16.85	200	167828	49.806	ng		99
69) Pentachlorophenol	17.05	266	127234	60.808	ng		97
70) Phenanthrene	17.44	178	654630	45.628	ng		98
71) Anthracene	17.53	178	673388	47.137	ng		96
72) Carbazole	17.80	167	607714	44.794	ng		99
73) Di-n-butylphthalate	18.35	149	702832	43.838	ng	#	98
74) Fluoranthene	19.44	202	865578	44.790	ng		97
76) Benzidine	19.62	184	178300	20.862	ng		96
77) Pyrene	19.81	202	875271	42.580	ng		97
79) Butylbenzylphthalate	20.69	149	335870	45.691	ng		96
80) Benzo(a)anthracene	21.64	228	892180	44.039	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	155093	21.956	ng		97
82) Chrysene	21.71	228	837488	44.610	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	465530	46.583	ng		98
84) Di-n-octyl phthalate	22.74	149	784433	46.879	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	965675	46.460	ng	#	86
87) Benzo(b)fluoranthene	23.84	252	876999	46.069	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	836811	44.964	ng	#	97
89) Benzo(a)pyrene	24.71	252	840674	47.469	ng	#	97
90) Dibenzo(a,h)anthracene	28.57	278	803833	46.232	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	819575	48.171	ng	#	92

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

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