Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035448.D
Acq On : 27 Jun 2018 16:58
Operator : JU/SJ
Sample : PB110586BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110586BSD

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:06 PM

Quant Time: Jun 27 18:06:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

6/28/2018 2:50:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59579	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	231962	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	173260	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	453358	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	468859	20.00	ng		-0.03
86) Perylene-d12	24.91	264	452750	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	487485	138.08	ng		-0.02
7) Phenol-d6	7.22	99	737748	141.59	ng		0.00
23) Nitrobenzene-d5	9.22	82	472439	96.81	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	368189	166.00	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1124426	84.37	ng		-0.03
78) Terphenyl-d14	20.03	244	1914034	85.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	45971	27.292	ng	#	73
3) Pyridine	3.94	79	143541	31.583	ng	#	71
4) n-Nitrosodimethylamine	3.85	42	63502	32.524	ng	#	69
6) Aniline	7.38	93	240738	35.742	ng		95
8) 2-Chlorophenol	7.62	128	159392	43.072	ng		97
9) Benzaldehyde	7.19	77	83496	20.803	ng		98
10) Phenol	7.24	94	244770	45.392	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	157081	37.531	ng		90
12) 1,3-Dichlorobenzene	7.94	146	170587	38.635	ng		96
13) 1,4-Dichlorobenzene	8.09	146	175937	38.600	ng		99
14) 1,2-Dichlorobenzene	8.41	146	170258	39.768	ng		97
15) Benzyl Alcohol	8.29	79	193208	39.132	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	165860	39.815	ng		75
17) 2-Methylphenol	8.49	107	162251	45.638	ng	#	93
18) Hexachloroethane	9.13	117	64416	39.476	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	153365	34.644	ng	#	82
20) 3+4-Methylphenols	8.82	107	230695	45.271	ng		96
22) Acetophenone	8.88	105	279858	38.948	ng	#	90
24) Nitrobenzene	9.26	77	227511	45.529	ng		98
25) Isophorone	9.78	82	443789	43.074	ng		97
26) 2-Nitrophenol	9.97	139	97657	56.697	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	175433	48.456	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	234516	42.357	ng		98
29) 2,4-Dichlorophenol	10.50	162	200435	50.879	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	206485	43.712	ng		98
31) Naphthalene	10.91	128	505239	41.928	ng		100
32) Benzoic acid	10.18	122	115496	47.627	ng		92
33) 4-Chloroaniline	11.01	127	133899	25.591	ng	#	95
34) Hexachlorobutadiene	11.19	225	155855	42.424	ng		94
35) Caprolactam	11.80	113	67038m	46.046	ng		
36) 4-Chloro-3-methylphenol	12.13	107	246443	50.185	ng		98
37) 2-Methylnaphthalene	12.51	142	409272	44.798	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	285151	44.185	ng		99
40) Hexachlorocyclopentadiene	12.85	237	366976	90.679	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	190081	49.189	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	209892	49.487	ng		98
45) 1,1'-Biphenyl	13.51	154	566473	40.660	ng		97
46) 2-Chloronaphthalene	13.55	162	446293	42.370	ng		98
47) 2-Nitroaniline	13.76	65	156158	50.205	ng		91
48) Acenaphthylene	14.40	152	745097	42.186	ng		98
49) Dimethylphthalate	14.13	163	632766	41.881	ng		99
50) 2,6-Dinitrotoluene	14.25	165	144185	52.310	ng		91
51) Acenaphthene	14.74	154	449880	38.984	ng		99
52) 3-Nitroaniline	14.58	138	102119	37.756	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	146745	131.549	ng	#	63
54) Dibenzofuran	15.07	168	735597	42.561	ng		96
55) 4-Nitrophenol	14.89	139	201180	88.133	ng	#	88
56) 2,4-Dinitrotoluene	15.03	165	211035	57.636	ng	#	84
57) Fluorene	15.72	166	612034	42.372	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	214283	52.007	ng		92
59) Diethylphthalate	15.49	149	619535	40.191	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	360523	43.771	ng		96
61) 4-Nitroaniline	15.74	138	138930	47.896	ng	#	86
62) Azobenzene	16.01	77	601958	39.850	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	117580	56.805	ng		84
65) n-Nitrosodiphenylamine	15.93	169	540823	39.723	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	251296	46.029	ng		96
67) Hexachlorobenzene	16.72	284	249880	44.968	ng		96
68) Atrazine	16.87	200	242290	41.731	ng		94
69) Pentachlorophenol	17.07	266	275307	73.678	ng		98
70) Phenanthrene	17.46	178	962134	41.778	ng		96
71) Anthracene	17.55	178	985515	42.721	ng		97
72) Carbazole	17.82	167	873396	40.806	ng		98
73) Di-n-butylphthalate	18.38	149	1009155	39.557	ng	#	98
74) Fluoranthene	19.47	202	1255206	41.885	ng		94
76) Benzidine	19.64	184	604033	34.628	ng		97
77) Pyrene	19.83	202	1230279	39.803	ng		96
79) Butylbenzylphthalate	20.71	149	460281	41.010	ng		96
80) Benzo(a)anthracene	21.67	228	1260669	42.076	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	342451	30.380	ng	#	97
82) Chrysene	21.74	228	1170098	42.654	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	626019	39.474	ng		98
84) Di-n-octyl phthalate	22.78	149	1051304	38.640	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.57	276	1401529	43.623	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	1260003	45.192	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1159299	42.506	ng	#	96
89) Benzo(a)pyrene	24.76	252	1196540	45.607	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1144329	44.184	ng		95
91) Benzo(g,h,i)perylene	29.73	276	1159073	45.730	ng	#	91

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

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