Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035598.D
Acq On : 12 Jul 2018 17:17
Operator : JU/SJ
Sample : PB110879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110879BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:32 PM

Quant Time: Jul 13 01:14:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44949	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	186855	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	143320	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	380490	20.00	ng		0.00
75) Chrysene-d12	21.69	240	386713	20.00	ng		0.00
86) Perylene-d12	24.91	264	364034	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	388865	143.63	ng		0.00
7) Phenol-d6	7.22	99	590693	146.23	ng		0.00
23) Nitrobenzene-d5	9.22	82	382502	85.52	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	269926	142.89	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	864153	80.78	ng		0.00
78) Terphenyl-d14	20.02	244	1527898	87.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	39122	28.391	ng	#	78
3) Pyridine	3.95	79	117187	32.576	ng	#	80
4) n-Nitrosodimethylamine	3.86	42	53706	34.770	ng	#	73
6) Aniline	7.38	93	174247	33.281	ng		96
8) 2-Chlorophenol	7.62	128	128421	46.638	ng		97
9) Benzaldehyde	7.19	77	54174	21.858	ng		94
10) Phenol	7.25	94	196754	48.212	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	128506	40.208	ng		97
12) 1,3-Dichlorobenzene	7.95	146	133842m	40.251	ng		
13) 1,4-Dichlorobenzene	8.09	146	132979	39.360	ng		96
14) 1,2-Dichlorobenzene	8.41	146	132178	40.725	ng		96
15) Benzyl Alcohol	8.29	79	168110	45.830	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	155343	57.976	ng		78
17) 2-Methylphenol	8.50	107	132774	47.852	ng	#	85
18) Hexachloroethane	9.14	117	51236	39.663	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	131675	38.711	ng	#	87
20) 3+4-Methylphenols	8.83	107	186301	48.400	ng		92
22) Acetophenone	8.87	105	229740	39.538	ng		92
24) Nitrobenzene	9.26	77	186466	41.452	ng		96
25) Isophorone	9.78	82	376951	45.398	ng		99
26) 2-Nitrophenol	9.97	139	73161	45.794	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	140624	52.000	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	194007	42.403	ng		96
29) 2,4-Dichlorophenol	10.51	162	156624	50.737	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	158354	41.833	ng		99
31) Naphthalene	10.91	128	397124	40.800	ng		98
32) Benzoic acid	10.18	122	76819	42.196	ng		88
33) 4-Chloroaniline	11.02	127	93822	22.116	ng		95
34) Hexachlorobutadiene	11.19	225	116683	39.530	ng		97
35) Caprolactam	11.80	113	61281m	46.259	ng		
36) 4-Chloro-3-methylphenol	12.13	107	202036	48.826	ng		92
37) 2-Methylnaphthalene	12.51	142	322370	44.455	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	217258	40.163	ng		98
40) Hexachlorocyclopentadiene	12.86	237	285932	100.790	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	153126	48.405	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	158738	44.855	ng		99
45) 1,1'-Biphenyl	13.52	154	450291	40.525	ng		96
46) 2-Chloronaphthalene	13.56	162	355256	41.103	ng		98
47) 2-Nitroaniline	13.76	65	134955	44.167	ng		96
48) Acenaphthylene	14.40	152	596397	41.193	ng		96
49) Dimethylphthalate	14.13	163	515609	41.062	ng		98
50) 2,6-Dinitrotoluene	14.25	165	112937	44.167	ng		96
51) Acenaphthene	14.74	154	350937	38.911	ng		99
52) 3-Nitroaniline	14.58	138	70560	26.998	ng	#	90
53) 2,4-Dinitrophenol	14.79	184	128001	95.917	ng	#	69
54) Dibenzofuran	15.08	168	585808	40.841	ng		93
55) 4-Nitrophenol	14.90	139	176282	94.712	ng	#	80
56) 2,4-Dinitrotoluene	15.04	165	166065	45.268	ng		95
57) Fluorene	15.72	166	490628	40.811	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	166159	48.970	ng		93
59) Diethylphthalate	15.49	149	516545	40.006	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	280204	39.656	ng		95
61) 4-Nitroaniline	15.75	138	116241	42.519	ng	#	81
62) Azobenzene	16.01	77	534660	41.980	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	95145	44.921	ng		86
65) n-Nitrosodiphenylamine	15.93	169	447334	41.304	ng		95
66) 4-Bromophenyl-phenylether	16.61	248	193763	43.894	ng		91
67) Hexachlorobenzene	16.73	284	194463	42.777	ng		94
68) Atrazine	16.88	200	203404	45.615	ng		97
69) Pentachlorophenol	17.07	266	224838	81.201	ng		99
70) Phenanthrene	17.46	178	796851	41.971	ng		98
71) Anthracene	17.56	178	817400	43.238	ng		98
72) Carbazole	17.82	167	751705	41.870	ng		98
73) Di-n-butylphthalate	18.37	149	852168	40.166	ng	#	98
74) Fluoranthene	19.47	202	1041501	40.726	ng		98
76) Benzidine	19.65	184	358762	35.288	ng		99
77) Pyrene	19.83	202	1028530	42.063	ng		98
79) Butylbenzylphthalate	20.71	149	374226	42.797	ng		98
80) Benzo(a)anthracene	21.67	228	1028220	42.667	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	242741	28.888	ng		98
82) Chrysene	21.73	228	953631	42.703	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	512413	43.104	ng	#	97
84) Di-n-octyl phthalate	22.78	149	864315	43.423	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1091751	44.157	ng	#	86
87) Benzo(b)fluoranthene	23.89	252	962011	43.479	ng	#	98
88) Benzo(k)fluoranthene	23.96	252	942596	43.576	ng	#	98
89) Benzo(a)pyrene	24.76	252	936838	45.512	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	899864	44.529	ng	#	97
91) Benzo(g,h,i)perylene	29.73	276	908523	45.943	ng	#	94

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

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