Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
Data File : BG039363.D
Acq On : 5 Feb 2019 20:44
Operator : JU/SJ
Sample : PB116850BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116850BS

Manual Integrations APPROVED
mohammad
2/6/2019 9:17:08 AM

Quant Time: Feb 05 23:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48216	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	209960	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	138566	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	332820	20.00	ng	0.00
76) Chrysene-d12	21.84	240	363155	20.00	ng	-0.01
87) Perylene-d12	25.22	264	379634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	454717	161.41	ng	0.00
7) Phenol-d6	7.32	99	637354	153.70	ng	0.00
23) Nitrobenzene-d5	9.36	82	297136	88.41	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	228310	153.01	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	757552	78.43	ng	0.00
79) Terphenyl-d14	20.14	244	1368318	79.75	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	46834	38.005	ng	95
3) Pyridine	4.01	79	128271	39.315	ng	99
4) n-Nitrosodimethylamine	3.93	42	74277	45.522	ng	90
6) Aniline	7.50	93	152065	29.276	ng	100
8) 2-Chlorophenol	7.74	128	145178	47.145	ng	94
9) Benzaldehyde	7.31	77	78574	37.185	ng	98
10) Phenol	7.34	94	193846	44.844	ng	99
11) bis(2-Chloroethyl)ether	7.60	93	138330	40.498	ng	97
12) 1,3-Dichlorobenzene	8.07	146	150066	40.227	ng	97
13) 1,4-Dichlorobenzene	8.21	146	154588	41.576	ng	99
14) 1,2-Dichlorobenzene	8.54	146	145297	40.365	ng	99
15) Benzyl Alcohol	8.41	79	135155	41.515	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	292013	37.857	ng	98
17) 2-Methylphenol	8.61	107	127170	45.461	ng	97
18) Hexachloroethane	9.26	117	54625	42.702	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	109377	37.162	ng	97
20) 3+4-Methylphenols	8.94	107	171170	44.435	ng	97
22) Acetophenone	9.01	105	213969	37.939	ng	97
24) Nitrobenzene	9.40	77	161813	44.566	ng	99
25) Isophorone	9.92	82	315493	42.361	ng	99
26) 2-Nitrophenol	10.11	139	63454	45.517	ng	97
27) 2,4-Dimethylphenol	10.15	122	149369	49.578	ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	191753	41.800	ng	99
29) 2,4-Dichlorophenol	10.63	162	149794	45.492	ng	99
30) 1,2,4-Trichlorobenzene	10.86	180	154994	41.927	ng	97
31) Naphthalene	11.06	128	450725	43.272	ng	100
32) Benzoic acid	10.23	122	27004	20.136	ng	90
33) 4-Chloroaniline	11.16	127	94767	19.622	ng	98
34) Hexachlorobutadiene	11.31	225	99882	40.628	ng	93
35) Caprolactam	11.94	113	47921m	35.170	ng	
36) 4-Chloro-3-methylphenol	12.25	107	159777	41.957	ng	98
37) 2-Methylnaphthalene	12.64	142	334230	43.324	ng	95
38) 1-Methylnaphthalene	12.86	142	322046	43.306	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	179545	40.725	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	232947	96.964	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	121146	44.691	ng		94
44) 2,4,5-Trichlorophenol	13.31	196	127618	44.919	ng		97
46) 1,1'-Biphenyl	13.64	154	452333	39.234	ng		100
47) 2-Chloronaphthalene	13.69	162	348462	40.178	ng		99
48) 2-Nitroaniline	13.89	65	103228	42.568	ng		90
49) Acenaphthylene	14.53	152	558597	42.684	ng		98
50) Dimethylphthalate	14.25	163	447301	39.969	ng		99
51) 2,6-Dinitrotoluene	14.38	165	91356	44.269	ng		98
52) Acenaphthene	14.87	154	345053	40.619	ng		99
53) 3-Nitroaniline	14.71	138	63691	30.608	ng	#	95
54) 2,4-Dinitrophenol	14.91	184	12595	21.897	ng		89
55) Dibenzofuran	15.20	168	550357	40.407	ng		99
56) 4-Nitrophenol	15.00	139	162935	80.485	ng		88
57) 2,4-Dinitrotoluene	15.16	165	125076	46.899	ng		88
58) Fluorene	15.85	166	428557	42.208	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	124009	46.617	ng		99
60) Diethylphthalate	15.60	149	454876	39.312	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	226107	39.329	ng		98
62) 4-Nitroaniline	15.87	138	105051	45.048	ng		91
63) Azobenzene	16.13	77	423253	37.425	ng		99
65) 4,6-Dinitro-2-methylphenol	15.91	198	20942	21.781	ng		92
66) n-Nitrosodiphenylamine	16.05	169	391781	38.714	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	145153	39.313	ng		95
68) Hexachlorobenzene	16.84	284	151113	40.792	ng		99
69) Atrazine	16.99	200	155598	42.074	ng		97
70) Pentachlorophenol	17.18	266	137775	53.512	ng		99
71) Phenanthrene	17.59	178	732599	42.529	ng		100
72) Anthracene	17.68	178	742660	43.770	ng		99
73) Carbazole	17.95	167	671545	39.658	ng		98
74) Di-n-butylphthalate	18.49	149	810655	41.036	ng		99
75) Fluoranthene	19.59	202	912919	45.660	ng		99
77) Benzidine	19.77	184	357233	30.004	ng		99
78) Pyrene	19.95	202	932550	41.250	ng		99
80) Butylbenzylphthalate	20.83	149	382350	40.093	ng		94
81) Benzo(a)anthracene	21.82	228	918540	42.805	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	180462	22.680	ng		98
83) Chrysene	21.89	228	861714	42.185	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	540606	39.735	ng		100
85) Di-n-octyl phthalate	22.96	149	925090	41.157	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1046875	47.766	ng		99
88) Benzo(b)fluoranthene	24.14	252	909836	43.946	ng		99
89) Benzo(k)fluoranthene	24.21	252	890734	42.853	ng		99
90) Benzo(a)pyrene	25.07	252	896014	44.938	ng		99
91) Dibenzo(a,h)anthracene	29.20	278	856594	45.874	ng		99
92) Benzo(g,h,i)perylene	30.35	276	874105	46.965	ng		98

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

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