Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039384.D
Acq On : 7 Feb 2019 15:58
Operator : JU/SJ
Sample : PB116900BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116900BS

Manual Integrations APPROVED
Sohil
2/11/2019 5:04:14 PM

Quant Time: Feb 08 23:44:28 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	49423	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	211286	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	136052	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	336779	20.00	ng		-0.01
76) Chrysene-d12	21.84	240	356561	20.00	ng		-0.01
87) Perylene-d12	25.21	264	375172	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	414824	143.65	ng		0.00
7) Phenol-d6	7.31	99	577234	135.80	ng		0.00
23) Nitrobenzene-d5	9.35	82	309345	91.46	ng		-0.01
42) 2,4,6-Tribromophenol	16.29	330	207757	141.81	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	750570	79.14	ng		-0.01
79) Terphenyl-d14	20.14	244	1292724	76.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	60575	47.956	ng		98
3) Pyridine	4.01	79	131312	39.264	ng		96
4) n-Nitrosodimethylamine	3.93	42	67330	40.256	ng		83
6) Aniline	7.50	93	151493	28.454	ng		96
8) 2-Chlorophenol	7.74	128	143003	45.304	ng		95
9) Benzaldehyde	7.31	77	29921	10.676	ng		95
10) Phenol	7.34	94	194672	43.935	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	136359	38.946	ng		99
12) 1,3-Dichlorobenzene	8.07	146	149119	38.997	ng		96
13) 1,4-Dichlorobenzene	8.21	146	153211	40.199	ng		97
14) 1,2-Dichlorobenzene	8.53	146	145662	39.479	ng		95
15) Benzyl Alcohol	8.41	79	133131	39.895	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	271887	34.387	ng		99
17) 2-Methylphenol	8.60	107	126017	43.949	ng		96
18) Hexachloroethane	9.27	117	54364	41.460	ng		94
19) n-Nitroso-di-n-propylamine	8.98	70	109895	36.426	ng		95
20) 3+4-Methylphenols	8.93	107	169458	42.917	ng		98
22) Acetophenone	9.01	105	209446	36.904	ng	#	95
24) Nitrobenzene	9.40	77	164645	45.061	ng		97
25) Isophorone	9.91	82	305800	40.802	ng		97
26) 2-Nitrophenol	10.11	139	72101	49.814	ng		92
27) 2,4-Dimethylphenol	10.15	122	146314	48.260	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	191553	41.495	ng		96
29) 2,4-Dichlorophenol	10.63	162	152224	45.940	ng		95
30) 1,2,4-Trichlorobenzene	10.86	180	154120	41.429	ng		99
31) Naphthalene	11.05	128	446136	42.563	ng		99
32) Benzoic acid	10.26	122	81398	42.316	ng		95
33) 4-Chloroaniline	11.16	127	100550	20.689	ng		98
34) Hexachlorobutadiene	11.32	225	101582	41.060	ng		94
35) Caprolactam	11.94	113	49573m	36.154	ng		
36) 4-Chloro-3-methylphenol	12.25	107	160705	41.936	ng		99
37) 2-Methylnaphthalene	12.64	142	329568	42.452	ng		96
38) 1-Methylnaphthalene	12.86	142	317447	42.420	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	179988	41.579	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	230625	97.771	ng		98
43) 2,4,6-Trichlorophenol	13.24	196	120009	45.090	ng		99
44) 2,4,5-Trichlorophenol	13.31	196	128876	46.200	ng		97
46) 1,1'-Biphenyl	13.64	154	440475	38.912	ng		100
47) 2-Chloronaphthalene	13.69	162	339329	39.847	ng		98
48) 2-Nitroaniline	13.89	65	112166	46.224	ng		97
49) Acenaphthylene	14.53	152	551132	42.891	ng		98
50) Dimethylphthalate	14.25	163	440219	40.063	ng		100
51) 2,6-Dinitrotoluene	14.38	165	95102	46.540	ng		99
52) Acenaphthene	14.86	154	331451	39.738	ng		98
53) 3-Nitroaniline	14.70	138	69707	33.454	ng	#	97
54) 2,4-Dinitrophenol	14.91	184	71434	79.085	ng		93
55) Dibenzofuran	15.20	168	539266	40.324	ng		100
56) 4-Nitrophenol	14.99	139	175061	87.527	ng		91
57) 2,4-Dinitrotoluene	15.16	165	136341	51.205	ng		88
58) Fluorene	15.84	166	425246	42.656	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	128393	49.157	ng		98
60) Diethylphthalate	15.60	149	443359	39.025	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	222539	39.423	ng		96
62) 4-Nitroaniline	15.87	138	106977	46.565	ng		95
63) Azobenzene	16.13	77	406399	36.599	ng		96
65) 4,6-Dinitro-2-methylphenol	15.92	198	63417	47.857	ng		99
66) n-Nitrosodiphenylamine	16.04	169	387198	37.811	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	145480	38.938	ng		94
68) Hexachlorobenzene	16.84	284	149032	39.758	ng		93
69) Atrazine	16.98	200	159873	42.721	ng		100
70) Pentachlorophenol	17.18	266	188133	72.212	ng		99
71) Phenanthrene	17.59	178	725509	41.623	ng		99
72) Anthracene	17.68	178	739855	43.092	ng		99
73) Carbazole	17.95	167	662542	38.667	ng		98
74) Di-n-butylphthalate	18.48	149	809696	40.505	ng		99
75) Fluoranthene	19.59	202	900290	44.499	ng		99
77) Benzidine	19.76	184	306675	26.234	ng		99
78) Pyrene	19.95	202	906069	40.820	ng		99
80) Butylbenzylphthalate	20.82	149	382757	40.878	ng		96
81) Benzo(a)anthracene	21.81	228	894873	42.474	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	209120	26.768	ng		98
83) Chrysene	21.88	228	837045	41.735	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	541503	40.537	ng		99
85) Di-n-octyl phthalate	22.96	149	911997	41.324	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1007772	46.832	ng		99
88) Benzo(b)fluoranthene	24.13	252	885207	43.265	ng		98
89) Benzo(k)fluoranthene	24.21	252	839753	40.881	ng		98
90) Benzo(a)pyrene	25.06	252	861259	43.708	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	815771	44.207	ng		99
92) Benzo(g,h,i)perylene	30.35	276	817221	44.431	ng		99

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

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