Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039395.D
Acq On : 7 Feb 2019 23:34
Operator : JU/SJ
Sample : PB116922BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116922BS

Manual Integrations APPROVED
Sohil
2/11/2019 5:04:21 PM

Quant Time: Feb 09 00:22:07 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	51224	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223633	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	144646	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	352390	20.00	ng	0.00
76) Chrysene-d12	21.84	240	378416	20.00	ng	0.00
87) Perylene-d12	25.22	264	390311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	480090	160.41	ng	0.00
7) Phenol-d6	7.32	99	675809	153.40	ng	0.00
23) Nitrobenzene-d5	9.36	82	319935	89.37	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	253244	162.59	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	793591	78.71	ng	0.00
79) Terphenyl-d14	20.14	244	1407784	78.75	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	46998	35.899	ng	95
3) Pyridine	4.00	79	127599	36.812	ng	95
4) n-Nitrosodimethylamine	3.92	42	70198	40.496	ng	97
6) Aniline	7.50	93	164061	29.731	ng	95
8) 2-Chlorophenol	7.73	128	150819	46.100	ng	97
9) Benzaldehyde	7.32	77	76611	33.139	ng	92
10) Phenol	7.35	94	205957	44.848	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	145381	40.063	ng	98
12) 1,3-Dichlorobenzene	8.06	146	158131	39.900	ng	95
13) 1,4-Dichlorobenzene	8.21	146	159353	40.340	ng	99
14) 1,2-Dichlorobenzene	8.53	146	153390	40.111	ng	99
15) Benzyl Alcohol	8.42	79	144386	41.746	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.70	45	291779	35.605	ng	99
17) 2-Methylphenol	8.60	107	133042	44.767	ng	99
18) Hexachloroethane	9.26	117	56013	41.215	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	115955	37.084	ng	95
20) 3+4-Methylphenols	8.93	107	184549	45.095	ng	97
22) Acetophenone	9.00	105	224435	37.361	ng	96
24) Nitrobenzene	9.40	77	172303	44.554	ng	99
25) Isophorone	9.91	82	324332	40.885	ng	97
26) 2-Nitrophenol	10.11	139	78830	51.023	ng	97
27) 2,4-Dimethylphenol	10.14	122	158023	49.244	ng	97
28) bis(2-Chloroethoxy)methane	10.40	93	203007	41.548	ng	97
29) 2,4-Dichlorophenol	10.63	162	162013	46.195	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	164032	41.659	ng	97
31) Naphthalene	11.05	128	473960	42.721	ng	99
32) Benzoic acid	10.27	122	94144	45.403	ng	95
33) 4-Chloroaniline	11.16	127	93856	18.245	ng	99
34) Hexachlorobutadiene	11.31	225	105942	40.458	ng	96
35) Caprolactam	11.94	113	54549m	37.586	ng	
36) 4-Chloro-3-methylphenol	12.25	107	170425	42.017	ng	97
37) 2-Methylnaphthalene	12.64	142	355669	43.284	ng	97
38) 1-Methylnaphthalene	12.86	142	336645	42.501	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	192698	41.871	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	261529	104.285	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	132278	46.747	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	140754	47.460	ng		98
46) 1,1'-Biphenyl	13.64	154	479011	39.802	ng		99
47) 2-Chloronaphthalene	13.69	162	363339	40.132	ng		98
48) 2-Nitroaniline	13.89	65	115966	45.179	ng		92
49) Acenaphthylene	14.53	152	584725	42.802	ng		99
50) Dimethylphthalate	14.25	163	471146	40.330	ng		100
51) 2,6-Dinitrotoluene	14.38	165	104644	47.938	ng		96
52) Acenaphthene	14.87	154	357917	40.362	ng		98
53) 3-Nitroaniline	14.71	138	72941	33.018	ng	#	97
54) 2,4-Dinitrophenol	14.91	184	74177	77.841	ng		91
55) Dibenzofuran	15.20	168	573317	40.324	ng		99
56) 4-Nitrophenol	15.00	139	188841	88.722	ng		92
57) 2,4-Dinitrotoluene	15.16	165	143688	50.826	ng		90
58) Fluorene	15.84	166	454894	42.919	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	141860m	51.086	ng		
60) Diethylphthalate	15.60	149	473497	39.202	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	244840	40.797	ng		94
62) 4-Nitroaniline	15.87	138	112661	46.165	ng		95
63) Azobenzene	16.12	77	437875	37.090	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	68735	49.067	ng		98
66) n-Nitrosodiphenylamine	16.05	169	417155	38.932	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	158312	40.495	ng		93
68) Hexachlorobenzene	16.83	284	161318	41.129	ng		98
69) Atrazine	16.99	200	167068	42.666	ng		99
70) Pentachlorophenol	17.18	266	207085	75.965	ng		96
71) Phenanthrene	17.59	178	771747	42.314	ng		99
72) Anthracene	17.68	178	777783	43.294	ng		99
73) Carbazole	17.95	167	693406	38.675	ng		98
74) Di-n-butylphthalate	18.49	149	842071	40.259	ng		100
75) Fluoranthene	19.59	202	948489	44.805	ng		99
77) Benzidine	19.77	184	370260	29.844	ng		99
78) Pyrene	19.95	202	956478	40.602	ng		98
80) Butylbenzylphthalate	20.82	149	399771	40.229	ng		95
81) Benzo(a)anthracene	21.82	228	956950	42.797	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	203279	24.518	ng		98
83) Chrysene	21.89	228	895128	42.053	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	565074	39.858	ng	#	98
85) Di-n-octyl phthalate	22.96	149	969546	41.395	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1079536	47.270	ng		99
88) Benzo(b)fluoranthene	24.14	252	948472	44.559	ng		98
89) Benzo(k)fluoranthene	24.21	252	892811	41.778	ng		100
90) Benzo(a)pyrene	25.06	252	917174	44.741	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	870615	45.349	ng		99
92) Benzo(g,h,i)perylene	30.35	276	888970	46.457	ng		99

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

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