Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039627.D
Acq On : 27 Feb 2019 9:15
Operator : JU/SJ
Sample : PB117396BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117396BSD

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:57 PM

Quant Time: Feb 27 10:25:10 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	8.16	152	62281	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	267717	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	179132	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	424987	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	433784	20.00	ng		-0.02
87) Perylene-d12	25.20	264	453427	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	360895	99.18	ng		0.00
7) Phenol-d6	7.32	99	518154	96.73	ng		0.00
23) Nitrobenzene-d5	9.34	82	442204	103.19	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	196660	101.95	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	1055385	84.52	ng		-0.02
79) Terphenyl-d14	20.12	244	1468684	71.67	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	60228	37.837	ng		91
3) Pyridine	4.00	79	167319	39.702	ng		98
4) n-Nitrosodimethylamine	3.92	42	89225	42.334	ng	#	80
6) Aniline	7.49	93	125516	18.708	ng		98
8) 2-Chlorophenol	7.73	128	197288	49.598	ng		96
9) Benzaldehyde	7.31	77	88550	31.008	ng		97
10) Phenol	7.34	94	268320	48.054	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	184371	41.787	ng		96
12) 1,3-Dichlorobenzene	8.05	146	200712	41.653	ng		98
13) 1,4-Dichlorobenzene	8.20	146	206602	43.016	ng		99
14) 1,2-Dichlorobenzene	8.52	146	196453	42.252	ng		97
15) Benzyl Alcohol	8.40	79	184656	43.911	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	352300	35.358	ng		99
17) 2-Methylphenol	8.60	107	170783	47.264	ng		99
18) Hexachloroethane	9.25	117	72709	44.002	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	152634	40.148	ng		94
20) 3+4-Methylphenols	8.93	107	236648	47.560	ng		95
22) Acetophenone	9.00	105	287048	39.916	ng	#	93
24) Nitrobenzene	9.39	77	225506	48.709	ng		99
25) Isophorone	9.90	82	431434	45.431	ng		98
26) 2-Nitrophenol	10.10	139	111316	57.612	ng	#	89
27) 2,4-Dimethylphenol	10.14	122	203266	52.912	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	257191	43.970	ng		96
29) 2,4-Dichlorophenol	10.63	162	211675	50.416	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	208969	44.332	ng		98
31) Naphthalene	11.04	128	598141	45.036	ng		97
32) Benzoic acid	10.28	122	119040	47.449	ng		95
33) 4-Chloroaniline	11.15	127	57496	9.337	ng		96
34) Hexachlorobutadiene	11.30	225	137789	43.955	ng		91
35) Caprolactam	11.94	113	72967m	41.998	ng		
36) 4-Chloro-3-methylphenol	12.25	107	226911	46.732	ng		94
37) 2-Methylnaphthalene	12.63	142	452855	46.037	ng		99
38) 1-Methylnaphthalene	12.85	142	434759	45.850	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	254429	44.641	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	336260	108.271	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	178755	51.010	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	193149	52.589	ng		97
46) 1,1'-Biphenyl	13.63	154	608037	40.796	ng		99
47) 2-Chloronaphthalene	13.67	162	476787	42.524	ng		99
48) 2-Nitroaniline	13.89	65	163193	50.207	ng		94
49) Acenaphthylene	14.52	152	764299	45.176	ng		99
50) Dimethylphthalate	14.24	163	619972	42.853	ng		99
51) 2,6-Dinitrotoluene	14.37	165	142152	51.948	ng		94
52) Acenaphthene	14.85	154	457370	41.648	ng		98
53) 3-Nitroaniline	14.70	138	46694	19.866	ng	#	82
54) 2,4-Dinitrophenol	14.90	184	95721	80.023	ng		97
55) Dibenzofuran	15.19	168	753554	42.797	ng		99
56) 4-Nitrophenol	15.00	139	246323	93.140	ng		87
57) 2,4-Dinitrotoluene	15.15	165	201580	56.538	ng		85
58) Fluorene	15.84	166	592668	45.153	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	186874	54.341	ng		96
60) Diethylphthalate	15.59	149	628572	42.022	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	318199	42.813	ng		97
62) 4-Nitroaniline	15.86	138	149342	49.119	ng		95
63) Azobenzene	16.11	77	564945	38.641	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	96147	54.473	ng		94
66) n-Nitrosodiphenylamine	16.04	169	546855	42.318	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	211566	44.873	ng		94
68) Hexachlorobenzene	16.83	284	217739	46.031	ng		95
69) Atrazine	16.98	200	206321	43.690	ng		98
70) Pentachlorophenol	17.17	266	252971	76.946	ng		99
71) Phenanthrene	17.58	178	993285	45.157	ng		98
72) Anthracene	17.67	178	1017491	46.962	ng		98
73) Carbazole	17.94	167	904926	41.851	ng		99
74) Di-n-butylphthalate	18.47	149	1078034	42.736	ng		99
75) Fluoranthene	19.58	202	1216141	47.635	ng		99
77) Benzidine	19.76	184	283860	19.959	ng		99
78) Pyrene	19.94	202	1212885	44.915	ng		98
80) Butylbenzylphthalate	20.81	149	518683	45.533	ng		96
81) Benzo(a)anthracene	21.80	228	1188604	46.372	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	193056	20.313	ng		98
83) Chrysene	21.87	228	1113586	45.639	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	721233	44.380	ng		99
85) Di-n-octyl phthalate	22.93	149	1211911	45.138	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1361746	52.016	ng		97
88) Benzo(b)fluoranthene	24.12	252	1162605	47.016	ng		98
89) Benzo(k)fluoranthene	24.19	252	1142815	46.032	ng		100
90) Benzo(a)pyrene	25.04	252	1155218	48.508	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1097385	49.205	ng		99
92) Benzo(g,h,i)perylene	30.32	276	1120652	50.413	ng		98

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

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