Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039461.D
Acq On : 12 Feb 2019 13:13
Operator : JU/SJ
Sample : PB116987BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116987BS

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:45 AM

Quant Time: Feb 12 13:52:25 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	8.17	152	48459	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	243822	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	185803	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	433363	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	359149	20.00	ng		-0.02
87) Perylene-d12	25.21	264	376774	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	487842	172.30	ng		0.00
7) Phenol-d6	7.31	99	738661	177.24	ng		0.00
23) Nitrobenzene-d5	9.35	82	359198	92.03	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	329125	164.50	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	961217	74.21	ng		-0.01
79) Terphenyl-d14	20.13	244	1401455	82.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	36562	29.521	ng		97
3) Pyridine	4.00	79	115524	35.230	ng		93
4) n-Nitrosodimethylamine	3.92	42	62413	38.059	ng		85
6) Aniline	7.49	93	173969	33.325	ng		99
8) 2-Chlorophenol	7.73	128	159735	51.612	ng		96
9) Benzaldehyde	7.31	77	76006	35.308	ng		97
10) Phenol	7.34	94	225519	51.909	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	143438	41.783	ng		99
12) 1,3-Dichlorobenzene	8.06	146	145875	38.907	ng		96
13) 1,4-Dichlorobenzene	8.20	146	149975	40.133	ng		98
14) 1,2-Dichlorobenzene	8.53	146	150033	41.472	ng		95
15) Benzyl Alcohol	8.40	79	161692	49.417	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	278551	35.931	ng		97
17) 2-Methylphenol	8.60	107	152393	54.205	ng		97
18) Hexachloroethane	9.26	117	52269	40.655	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	130673	44.175	ng		94
20) 3+4-Methylphenols	8.93	107	210693	54.421	ng		96
22) Acetophenone	9.00	105	243778	37.221	ng	#	95
24) Nitrobenzene	9.39	77	189244	44.882	ng		97
25) Isophorone	9.91	82	386147	44.647	ng		96
26) 2-Nitrophenol	10.10	139	95664	55.213	ng		96
27) 2,4-Dimethylphenol	10.14	122	184326	52.684	ng		99
28) bis(2-Chloroethoxy)methane	10.39	93	231251	43.409	ng		97
29) 2,4-Dichlorophenol	10.63	162	197905	51.756	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	179243	41.752	ng		98
31) Naphthalene	11.04	128	518841	42.894	ng		99
32) Benzoic acid	10.27	122	109342	47.778	ng		93
33) 4-Chloroaniline	11.15	127	123945	22.100	ng		95
34) Hexachlorobutadiene	11.31	225	109828	38.469	ng		93
35) Caprolactam	11.94	113	71229m	45.015	ng		
36) 4-Chloro-3-methylphenol	12.25	107	219238	49.576	ng		96
37) 2-Methylnaphthalene	12.63	142	414635	46.282	ng		98
38) 1-Methylnaphthalene	12.85	142	402372	46.593	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	232326	39.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	283441	87.987	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	167880	46.186	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	183060	48.052	ng		99
46) 1,1'-Biphenyl	13.63	154	577869	37.380	ng		100
47) 2-Chloronaphthalene	13.68	162	445406	38.299	ng		98
48) 2-Nitroaniline	13.89	65	156786	47.116	ng		92
49) Acenaphthylene	14.53	152	736962	41.996	ng		100
50) Dimethylphthalate	14.24	163	613831	40.905	ng		99
51) 2,6-Dinitrotoluene	14.37	165	139550	49.518	ng		94
52) Acenaphthene	14.86	154	453376	39.802	ng		99
53) 3-Nitroaniline	14.70	138	91668	32.429	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	102921	81.972	ng		94
55) Dibenzofuran	15.20	168	732743	40.121	ng		99
56) 4-Nitrophenol	14.99	139	219785	80.932	ng		88
57) 2,4-Dinitrotoluene	15.15	165	195519	53.377	ng		87
58) Fluorene	15.84	166	579340	42.553	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	184497	51.724	ng		96
60) Diethylphthalate	15.59	149	623363	40.177	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	314314	40.772	ng		96
62) 4-Nitroaniline	15.87	138	133581	42.936	ng		93
63) Azobenzene	16.12	77	552856	36.457	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	93106	52.531	ng		92
66) n-Nitrosodiphenylamine	16.04	169	540862	41.046	ng		100
67) 4-Bromophenyl-phenylether	16.72	248	206253	42.901	ng		93
68) Hexachlorobenzene	16.83	284	207768	43.074	ng		94
69) Atrazine	16.98	200	206811	42.947	ng		98
70) Pentachlorophenol	17.18	266	236687	70.601	ng		99
71) Phenanthrene	17.58	178	940075	41.912	ng		98
72) Anthracene	17.67	178	953079	43.139	ng		98
73) Carbazole	17.94	167	789800	35.821	ng		99
74) Di-n-butylphthalate	18.48	149	976142	37.949	ng		99
75) Fluoranthene	19.58	202	1004231	38.574	ng		99
77) Benzidine	19.76	184	354854	30.136	ng		99
78) Pyrene	19.94	202	976794	43.689	ng		99
80) Butylbenzylphthalate	20.81	149	388367	41.178	ng		95
81) Benzo(a)anthracene	21.81	228	907596	42.767	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	213665	27.153	ng		99
83) Chrysene	21.88	228	850232	42.087	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	541460	40.241	ng		99
85) Di-n-octyl phthalate	22.94	149	924190	41.575	ng		95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1026793	47.372	ng		100
88) Benzo(b)fluoranthene	24.12	252	885396	43.090	ng		99
89) Benzo(k)fluoranthene	24.20	252	863719	41.868	ng		100
90) Benzo(a)pyrene	25.05	252	874195	44.176	ng		98
91) Dibenzo(a,h)anthracene	29.17	278	834080	45.007	ng		98
92) Benzo(g,h,i)perylene	30.33	276	844330	45.710	ng		99

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

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