Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039559.D
Acq On : 19 Feb 2019 17:44
Operator : JU/SJ
Sample : PB117212BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117212BS

Manual Integrations APPROVED
Sohil
2/20/2019 4:18:38 PM

Quant Time: Feb 20 10:02:33 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	84948	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	379871	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	256286	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	588221	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	573054	20.00	ng	-0.02
87) Perylene-d12	25.20	264	552256	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	675136	136.02	ng	0.00
7) Phenol-d6	7.32	99	1042331	142.67	ng	0.00
23) Nitrobenzene-d5	9.35	82	515358	84.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	435222	157.70	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1196631	66.98	ng	-0.02
79) Terphenyl-d14	20.13	244	1848225	68.27	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	86148	39.680	ng	91
3) Pyridine	4.00	79	253104	44.032	ng	95
4) n-Nitrosodimethylamine	3.93	42	129418	45.019	ng	91
6) Aniline	7.50	93	400221	43.734	ng	99
8) 2-Chlorophenol	7.73	128	239197	44.088	ng	96
9) Benzaldehyde	7.31	77	141867	38.455	ng	97
10) Phenol	7.35	94	331304	43.502	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	251729	41.830	ng	97
12) 1,3-Dichlorobenzene	8.06	146	267566	40.710	ng	95
13) 1,4-Dichlorobenzene	8.20	146	270361	41.271	ng	98
14) 1,2-Dichlorobenzene	8.53	146	269762	42.538	ng	96
15) Benzyl Alcohol	8.41	79	252590	44.038	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	489571	36.025	ng	99
17) 2-Methylphenol	8.60	107	223272	45.303	ng	97
18) Hexachloroethane	9.26	117	96028	42.608	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	211749	40.835	ng	94
20) 3+4-Methylphenols	8.93	107	312107	45.988	ng	97
22) Acetophenone	9.00	105	406577	39.845	ng	95
24) Nitrobenzene	9.39	77	314519	47.878	ng	96
25) Isophorone	9.91	82	613104	45.500	ng	99
26) 2-Nitrophenol	10.10	139	153046	56.297	ng	96
27) 2,4-Dimethylphenol	10.14	122	252144	46.257	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	358609	43.207	ng	96
29) 2,4-Dichlorophenol	10.63	162	281198	47.201	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	286605	42.851	ng	98
31) Naphthalene	11.04	128	816411	43.322	ng	98
32) Benzoic acid	10.30	122	186520	51.456	ng	93
33) 4-Chloroaniline	11.15	127	376670	43.108	ng	99
34) Hexachlorobutadiene	11.30	225	181479	40.800	ng	94
35) Caprolactam	11.95	113	99101m	40.199	ng	
36) 4-Chloro-3-methylphenol	12.25	107	305971	44.409	ng	94
37) 2-Methylnaphthalene	12.63	142	629586	45.106	ng	99
38) 1-Methylnaphthalene	12.85	142	594837	44.211	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	342403	41.991	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	406123	91.399	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	235818	47.035	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	255672	48.655	ng		99
46) 1,1'-Biphenyl	13.63	154	823482	38.618	ng		99
47) 2-Chloronaphthalene	13.68	162	646031	40.273	ng		98
48) 2-Nitroaniline	13.88	65	229432	49.480	ng		95
49) Acenaphthylene	14.52	152	1008562	41.667	ng		99
50) Dimethylphthalate	14.24	163	842255	40.691	ng		100
51) 2,6-Dinitrotoluene	14.37	165	192883	49.606	ng		97
52) Acenaphthene	14.86	154	627425	39.933	ng		99
53) 3-Nitroaniline	14.71	138	195649	47.008	ng	#	93
54) 2,4-Dinitrophenol	14.91	184	193814	100.595	ng		98
55) Dibenzofuran	15.19	168	1007490	39.993	ng		97
56) 4-Nitrophenol	15.01	139	307156	81.922	ng		88
57) 2,4-Dinitrotoluene	15.15	165	271873	53.746	ng		90
58) Fluorene	15.83	166	784905	41.796	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	246153	50.030	ng		98
60) Diethylphthalate	15.59	149	843242	39.402	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	420528	39.548	ng		98
62) 4-Nitroaniline	15.88	138	200694	46.392	ng		96
63) Azobenzene	16.12	77	765962	36.619	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	151159	59.544	ng		97
66) n-Nitrosodiphenylamine	16.04	169	730696	40.853	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	279330	42.805	ng		96
68) Hexachlorobenzene	16.83	284	285768	43.647	ng		97
69) Atrazine	16.98	200	201782	30.871	ng		98
70) Pentachlorophenol	17.17	266	358955	78.884	ng		99
71) Phenanthrene	17.58	178	1250804	41.085	ng		96
72) Anthracene	17.67	178	1272168	42.423	ng		96
73) Carbazole	17.94	167	1111859	37.152	ng		98
74) Di-n-butylphthalate	18.47	149	1339574	38.367	ng		98
75) Fluoranthene	19.58	202	1462057	41.375	ng		98
77) Benzidine	19.76	184	1086143	57.811	ng		98
78) Pyrene	19.94	202	1455668	40.805	ng		96
80) Butylbenzylphthalate	20.80	149	644474	42.826	ng		96
81) Benzo(a)anthracene	21.81	228	1436981	42.437	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	530883	42.283	ng		99
83) Chrysene	21.87	228	1365728	42.369	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	888119	41.367	ng	#	97
85) Di-n-octyl phthalate	22.94	149	1520508	42.869	ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1518558	43.909	ng		97
88) Benzo(b)fluoranthene	24.12	252	1445883	48.008	ng		97
89) Benzo(k)fluoranthene	24.19	252	1354565	44.798	ng		99
90) Benzo(a)pyrene	25.05	252	1401841	48.330	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1221800	44.979	ng		99
92) Benzo(g,h,i)perylene	30.32	276	1223340	45.184	ng		98

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

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