Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
Data File : BG039491.D
Acq On : 13 Feb 2019 16:39
Operator : JU/SJ
Sample : PB117091BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117091BS

Manual Integrations APPROVED
Sohil
2/14/2019 12:43:58 PM

Quant Time: Feb 14 02:59:02 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	49052	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	248638	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	180739	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	428521	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	430778	20.00	ng		-0.01
87) Perylene-d12	25.22	264	413095	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	371612	129.66	ng		0.00
7) Phenol-d6	7.31	99	557951	132.26	ng		0.00
23) Nitrobenzene-d5	9.35	82	319499	80.28	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	221536	113.83	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	833183	66.13	ng		-0.01
79) Terphenyl-d14	20.13	244	1295985	63.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	28823	22.991	ng		95
3) Pyridine	4.00	79	82289	24.792	ng		97
4) n-Nitrosodimethylamine	3.92	42	53738	32.373	ng		83
6) Aniline	7.49	93	126601	23.958	ng		97
8) 2-Chlorophenol	7.73	128	133640	42.658	ng		96
9) Benzaldehyde	7.31	77	45086	17.910	ng		95
10) Phenol	7.34	94	187759	42.695	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	119987	34.529	ng		95
12) 1,3-Dichlorobenzene	8.06	146	117879	31.060	ng		97
13) 1,4-Dichlorobenzene	8.20	146	121370	32.085	ng		99
14) 1,2-Dichlorobenzene	8.53	146	121528	33.187	ng		97
15) Benzyl Alcohol	8.40	79	131627	39.742	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	230267	29.343	ng		97
17) 2-Methylphenol	8.60	107	121739	42.778	ng		97
18) Hexachloroethane	9.26	117	43130	33.141	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	103575	34.591	ng	#	93
20) 3+4-Methylphenols	8.93	107	169297	43.200	ng		98
22) Acetophenone	9.00	105	198440	29.712	ng	#	95
24) Nitrobenzene	9.39	77	154203	35.863	ng		96
25) Isophorone	9.91	82	308204	34.945	ng		99
26) 2-Nitrophenol	10.10	139	76147	45.969	ng		95
27) 2,4-Dimethylphenol	10.14	122	147097	41.229	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	183672	33.810	ng		98
29) 2,4-Dichlorophenol	10.63	162	155789	39.953	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	142097	32.459	ng		99
31) Naphthalene	11.04	128	421219	34.149	ng		99
32) Benzoic acid	10.25	122	74963	35.077	ng		95
33) 4-Chloroaniline	11.15	127	99225	17.349	ng		99
34) Hexachlorobutadiene	11.31	225	88392	30.361	ng		97
35) Caprolactam	11.94	113	54493m	33.772	ng		
36) 4-Chloro-3-methylphenol	12.25	107	171567	38.045	ng		95
37) 2-Methylnaphthalene	12.64	142	332838	36.432	ng		95
38) 1-Methylnaphthalene	12.86	142	319619	36.294	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	183042	31.830	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	207453	66.203	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	134342	37.995	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	143637	38.760	ng		99
46) 1,1'-Biphenyl	13.63	154	457323	30.411	ng		99
47) 2-Chloronaphthalene	13.68	162	357102	31.566	ng		98
48) 2-Nitroaniline	13.89	65	121634	39.256	ng		92
49) Acenaphthylene	14.53	152	571160	33.460	ng		99
50) Dimethylphthalate	14.24	163	476025	32.611	ng		99
51) 2,6-Dinitrotoluene	14.37	165	106131	40.145	ng		93
52) Acenaphthene	14.86	154	352594	31.821	ng		100
53) 3-Nitroaniline	14.71	138	75913	28.469	ng	#	89
54) 2,4-Dinitrophenol	14.91	184	61041	58.400	ng		98
55) Dibenzofuran	15.20	168	568742	32.014	ng		99
56) 4-Nitrophenol	14.99	139	176384	67.784	ng		89
57) 2,4-Dinitrotoluene	15.15	165	151017	43.995	ng	#	87
58) Fluorene	15.84	166	454813	34.342	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	142595	41.097	ng		97
60) Diethylphthalate	15.59	149	478243	31.688	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	241080	32.149	ng		97
62) 4-Nitroaniline	15.87	138	108953	36.680	ng		92
63) Azobenzene	16.12	77	430280	29.169	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	60268	38.849	ng		92
66) n-Nitrosodiphenylamine	16.04	169	414675	31.825	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	158679	33.378	ng		95
68) Hexachlorobenzene	16.83	284	162411	34.051	ng		94
69) Atrazine	16.98	200	164387	34.523	ng		98
70) Pentachlorophenol	17.18	266	295660	89.189	ng		99
71) Phenanthrene	17.59	178	737084	33.233	ng		99
72) Anthracene	17.67	178	737331	33.751	ng		99
73) Carbazole	17.94	167	657272	30.147	ng		98
74) Di-n-butylphthalate	18.48	149	787457	30.959	ng		100
75) Fluoranthene	19.58	202	885707	34.406	ng		99
77) Benzidine	19.76	184	176857	12.522	ng		97
78) Pyrene	19.95	202	887882	33.109	ng		99
80) Butylbenzylphthalate	20.81	149	376592	33.290	ng		97
81) Benzo(a)anthracene	21.81	228	877484	34.473	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	212234	22.486	ng		100
83) Chrysene	21.88	228	822923	33.962	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	519952	32.218	ng		99
85) Di-n-octyl phthalate	22.95	149	894723	33.557	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	953114	36.661	ng		98
88) Benzo(b)fluoranthene	24.13	252	838950	37.240	ng		99
89) Benzo(k)fluoranthene	24.21	252	825147	36.482	ng		100
90) Benzo(a)pyrene	25.06	252	828488	38.185	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	778597	38.319	ng		98
92) Benzo(g,h,i)perylene	30.33	276	775822	38.308	ng		99

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

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