Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039472.D
Acq On : 12 Feb 2019 20:33
Operator : JU/SJ
Sample : PB117058BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117058BS

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:54 AM

Quant Time: Feb 13 01:01:59 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	50089	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	248414	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	176082	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	414770	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	413371	20.00	ng		-0.02
87) Perylene-d12	25.22	264	398791	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	377043	128.83	ng		0.00
7) Phenol-d6	7.32	99	562008	130.46	ng		0.00
23) Nitrobenzene-d5	9.35	82	317496	79.84	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	219301	115.66	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	802559	65.38	ng		-0.02
79) Terphenyl-d14	20.13	244	1250929	64.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	29947	23.393	ng		94
3) Pyridine	4.00	79	85834	25.324	ng		95
4) n-Nitrosodimethylamine	3.93	42	53997	31.855	ng	#	78
6) Aniline	7.50	93	119944	22.228	ng		97
8) 2-Chlorophenol	7.73	128	134447	42.027	ng		94
9) Benzaldehyde	7.31	77	47407	18.570	ng		97
10) Phenol	7.34	94	185792	41.373	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	120307	33.904	ng		98
12) 1,3-Dichlorobenzene	8.06	146	122236	31.542	ng		97
13) 1,4-Dichlorobenzene	8.21	146	126280	32.692	ng		98
14) 1,2-Dichlorobenzene	8.53	146	120996	32.357	ng		96
15) Benzyl Alcohol	8.41	79	128457	37.982	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	237283	29.611	ng		98
17) 2-Methylphenol	8.60	107	123679	42.560	ng		95
18) Hexachloroethane	9.26	117	43805	32.963	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	103472	33.841	ng		93
20) 3+4-Methylphenols	8.93	107	170464	42.597	ng		98
22) Acetophenone	9.00	105	199516	29.900	ng	#	95
24) Nitrobenzene	9.40	77	157233	36.601	ng		96
25) Isophorone	9.91	82	302258	34.302	ng		98
26) 2-Nitrophenol	10.10	139	78864	47.215	ng		98
27) 2,4-Dimethylphenol	10.14	122	146716	41.159	ng		91
28) bis(2-Chloroethoxy)methane	10.39	93	183696	33.845	ng		97
29) 2,4-Dichlorophenol	10.63	162	154296	39.606	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	141724	32.403	ng		99
31) Naphthalene	11.05	128	421953	34.239	ng		98
32) Benzoic acid	10.26	122	96245	42.505	ng		95
33) 4-Chloroaniline	11.16	127	79632	13.936	ng		94
34) Hexachlorobutadiene	11.31	225	86632	29.783	ng		93
35) Caprolactam	11.94	113	54049m	33.527	ng		
36) 4-Chloro-3-methylphenol	12.25	107	166916	37.047	ng		98
37) 2-Methylnaphthalene	12.64	142	329271	36.074	ng		98
38) 1-Methylnaphthalene	12.86	142	310833	35.328	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	179496	32.039	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	207204	67.872	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	127703	37.073	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	141766	39.267	ng		98
46) 1,1'-Biphenyl	13.63	154	446635	30.486	ng		100
47) 2-Chloronaphthalene	13.68	162	342030	31.034	ng		96
48) 2-Nitroaniline	13.88	65	120320	39.732	ng		97
49) Acenaphthylene	14.52	152	560286	33.691	ng		99
50) Dimethylphthalate	14.24	163	457422	32.165	ng		99
51) 2,6-Dinitrotoluene	14.37	165	100950	39.351	ng		98
52) Acenaphthene	14.86	154	339165	31.419	ng		98
53) 3-Nitroaniline	14.71	138	67576	26.512	ng	#	91
54) 2,4-Dinitrophenol	14.91	184	93466	79.666	ng		95
55) Dibenzofuran	15.19	168	557756	32.225	ng		99
56) 4-Nitrophenol	14.99	139	180426	70.881	ng		90
57) 2,4-Dinitrotoluene	15.16	165	146106	43.744	ng	#	85
58) Fluorene	15.84	166	441800	34.242	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	139125	41.157	ng		96
60) Diethylphthalate	15.59	149	461746	31.404	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	231243	31.652	ng		96
62) 4-Nitroaniline	15.87	138	106988	36.938	ng		98
63) Azobenzene	16.12	77	419592	29.197	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	76785	47.282	ng		99
66) n-Nitrosodiphenylamine	16.05	169	407586	32.318	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	151223	32.864	ng		97
68) Hexachlorobenzene	16.83	284	154920	33.557	ng		97
69) Atrazine	16.98	200	161162	34.968	ng		96
70) Pentachlorophenol	17.18	266	324871	101.250	ng		98
71) Phenanthrene	17.58	178	725138	33.779	ng		99
72) Anthracene	17.68	178	733135	34.671	ng		100
73) Carbazole	17.94	167	645779	30.602	ng		99
74) Di-n-butylphthalate	18.48	149	779392	31.658	ng		99
75) Fluoranthene	19.58	202	860324	34.528	ng		99
77) Benzidine	19.76	184	186150	13.735	ng		99
78) Pyrene	19.95	202	862924	33.533	ng		98
80) Butylbenzylphthalate	20.82	149	367671	33.870	ng		96
81) Benzo(a)anthracene	21.81	228	844556	34.576	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	183032	20.209	ng		99
83) Chrysene	21.88	228	785471	33.781	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	507607	32.777	ng		100
85) Di-n-octyl phthalate	22.95	149	868991	33.964	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	936264	37.530	ng	#	96
88) Benzo(b)fluoranthene	24.13	252	837076	38.489	ng		99
89) Benzo(k)fluoranthene	24.21	252	770750	35.299	ng		100
90) Benzo(a)pyrene	25.06	252	801051	38.245	ng		97
91) Dibenzo(a,h)anthracene	29.18	278	761882	38.841	ng		98
92) Benzo(g,h,i)perylene	30.34	276	771849	39.479	ng		99

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

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