Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039435.D
Acq On : 11 Feb 2019 15:35
Operator : JU/SJ
Sample : PB116987BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116987BS

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:36 PM

Quant Time: Feb 12 03:06:34 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	49502	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	228512	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	160859	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	391927	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	398165	20.00	ng		-0.02
87) Perylene-d12	25.21	264	408218	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	271827	93.98	ng		0.00
7) Phenol-d6	7.31	99	395199	92.83	ng		-0.01
23) Nitrobenzene-d5	9.35	82	220961	60.41	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	159498	92.08	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	583968	52.08	ng		-0.02
79) Terphenyl-d14	20.13	244	972682	51.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	28044	22.166	ng		96
3) Pyridine	4.00	79	80037	23.894	ng		96
4) n-Nitrosodimethylamine	3.92	42	43161	25.765	ng	#	79
6) Aniline	7.49	93	84377	15.822	ng		98
8) 2-Chlorophenol	7.73	128	99806	31.569	ng		97
9) Benzaldehyde	7.31	77	41645	16.058	ng		94
10) Phenol	7.34	94	139543	31.443	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	92936	26.501	ng		95
12) 1,3-Dichlorobenzene	8.06	146	98936	25.832	ng		99
13) 1,4-Dichlorobenzene	8.21	146	100771	26.398	ng		98
14) 1,2-Dichlorobenzene	8.52	146	97266	26.320	ng		98
15) Benzyl Alcohol	8.41	79	94826	28.371	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	178171	22.498	ng		99
17) 2-Methylphenol	8.59	107	87770	30.561	ng		96
18) Hexachloroethane	9.26	117	34716	26.433	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	77027	25.491	ng		94
20) 3+4-Methylphenols	8.92	107	122874	31.069	ng		96
22) Acetophenone	9.00	105	147524	24.034	ng	#	94
24) Nitrobenzene	9.39	77	113501	28.722	ng		95
25) Isophorone	9.90	82	221559	27.334	ng		98
26) 2-Nitrophenol	10.10	139	52389	37.013	ng		95
27) 2,4-Dimethylphenol	10.14	122	105921	32.303	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	136682	27.376	ng		99
29) 2,4-Dichlorophenol	10.63	162	110900	30.946	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	105824	26.302	ng		97
31) Naphthalene	11.04	128	312570	27.572	ng		99
32) Benzoic acid	10.25	122	54637	29.685	ng		94
33) 4-Chloroaniline	11.15	127	60793	11.566	ng		98
34) Hexachlorobutadiene	11.31	225	67672	25.291	ng		94
35) Caprolactam	11.92	113	38956m	26.269	ng		
36) 4-Chloro-3-methylphenol	12.24	107	120657	29.112	ng		94
37) 2-Methylnaphthalene	12.64	142	242334	28.862	ng		97
38) 1-Methylnaphthalene	12.85	142	234406	28.962	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	130611	25.520	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	169181	60.662	ng		97
43) 2,4,6-Trichlorophenol	13.23	196	93541	29.725	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	102399	31.047	ng		95
46) 1,1'-Biphenyl	13.63	154	332928	24.875	ng		100
47) 2-Chloronaphthalene	13.68	162	258000	25.625	ng		97
48) 2-Nitroaniline	13.88	65	87695	33.376	ng		95
49) Acenaphthylene	14.52	152	424781	27.960	ng		99
50) Dimethylphthalate	14.24	163	349948	26.936	ng		99
51) 2,6-Dinitrotoluene	14.37	165	77926	34.267	ng		97
52) Acenaphthene	14.86	154	256484	26.008	ng		99
53) 3-Nitroaniline	14.70	138	42611	20.094	ng	#	89
54) 2,4-Dinitrophenol	14.90	184	75309	73.190	ng		95
55) Dibenzofuran	15.19	168	425984	26.941	ng		98
56) 4-Nitrophenol	14.99	139	139020	60.690	ng		89
57) 2,4-Dinitrotoluene	15.15	165	109145	37.197	ng		86
58) Fluorene	15.84	166	335883	28.496	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	102187	33.090	ng		97
60) Diethylphthalate	15.59	149	360864	26.865	ng		99
61) 4-Chlorophenyl-phenylether	15.83	204	176718	26.478	ng		94
62) 4-Nitroaniline	15.86	138	79679	30.889	ng		91
63) Azobenzene	16.12	77	318876	24.288	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	56428	39.508	ng		94
66) n-Nitrosodiphenylamine	16.04	169	314252	26.370	ng		96
67) 4-Bromophenyl-phenylether	16.72	248	116172	26.719	ng		94
68) Hexachlorobenzene	16.83	284	118489	27.162	ng		94
69) Atrazine	16.98	200	119356	27.407	ng		95
70) Pentachlorophenol	17.18	266	152544	50.313	ng		98
71) Phenanthrene	17.58	178	562866	27.748	ng		99
72) Anthracene	17.67	178	571723	28.614	ng		99
73) Carbazole	17.94	167	500462	25.098	ng		99
74) Di-n-butylphthalate	18.48	149	600513	25.814	ng		99
75) Fluoranthene	19.58	202	672854	28.578	ng		100
77) Benzidine	19.76	184	188084	14.408	ng		98
78) Pyrene	19.94	202	689126	27.802	ng		99
80) Butylbenzylphthalate	20.81	149	276789	26.472	ng		93
81) Benzo(a)anthracene	21.81	228	658268	27.979	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	121921	13.976	ng		97
83) Chrysene	21.88	228	614580	27.441	ng		97
84) Bis(2-ethylhexyl)phthalate	21.68	149	385478	25.842	ng		98
85) Di-n-octyl phthalate	22.95	149	668529	27.127	ng		94
86) Indeno(1,2,3-cd)pyrene	29.09	276	723357	30.103	ng		98
88) Benzo(b)fluoranthene	24.13	252	641081	28.797	ng		97
89) Benzo(k)fluoranthene	24.20	252	612282	27.394	ng		99
90) Benzo(a)pyrene	25.05	252	615859	28.724	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	582739	29.023	ng		99
92) Benzo(g,h,i)perylene	30.32	276	600389	30.000	ng		97

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

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