Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039693.D
Acq On : 1 Mar 2019 19:02
Operator : JU/SJ
Sample : PB117428BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117428BSD

Quant Time: Mar 02 03:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	51845	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	234852	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	151357	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	326192	20.00	ng		0.00
76) Chrysene-d12	21.82	240	331524	20.00	ng		0.00
87) Perylene-d12	25.20	264	334723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	455763	150.46	ng		0.00
7) Phenol-d6	7.31	99	631417	141.61	ng		0.00
23) Nitrobenzene-d5	9.34	82	340794	90.65	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	209342	128.44	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	811984	76.96	ng		0.00
79) Terphenyl-d14	20.12	244	1165647	74.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	53446	40.335	ng		98
3) Pyridine	4.00	79	139186	39.674	ng		97
4) n-Nitrosodimethylamine	3.92	42	74807	42.637	ng		87
6) Aniline	7.49	93	167674	30.022	ng		99
8) 2-Chlorophenol	7.72	128	165877	50.096	ng		97
9) Benzaldehyde	7.31	77	118788	62.776	ng		95
10) Phenol	7.34	94	224975	48.402	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	152600	41.548	ng		99
12) 1,3-Dichlorobenzene	8.05	146	165833	41.342	ng		96
13) 1,4-Dichlorobenzene	8.20	146	171080	42.790	ng		99
14) 1,2-Dichlorobenzene	8.52	146	162771	42.055	ng		100
15) Benzyl Alcohol	8.41	79	156841	44.804	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	301423	36.342	ng		99
17) 2-Methylphenol	8.60	107	145628	48.415	ng		96
18) Hexachloroethane	9.25	117	58510	42.537	ng		100
19) n-Nitroso-di-n-propylamine	8.97	70	124873	39.457	ng		91
20) 3+4-Methylphenols	8.93	107	198042	47.813	ng		99
22) Acetophenone	8.99	105	240020	38.047	ng	#	94
24) Nitrobenzene	9.39	77	188251	46.352	ng		96
25) Isophorone	9.90	82	360102	43.226	ng		98
26) 2-Nitrophenol	10.10	139	94114	56.076	ng		96
27) 2,4-Dimethylphenol	10.14	122	170823	50.690	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	220076	42.890	ng		99
29) 2,4-Dichlorophenol	10.63	162	178325	48.417	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	175810	42.517	ng		96
31) Naphthalene	11.04	128	504015	43.260	ng		99
32) Benzoic acid	10.26	122	75034	36.633	ng		98
33) 4-Chloroaniline	11.15	127	110096	20.380	ng		99
34) Hexachlorobutadiene	11.30	225	114279	41.557	ng		94
35) Caprolactam	11.93	113	54737	35.914	ng		99
36) 4-Chloro-3-methylphenol	12.25	107	181594	42.632	ng		98
37) 2-Methylnaphthalene	12.63	142	376304	43.608	ng		99
38) 1-Methylnaphthalene	12.85	142	360414	43.328	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	208275	43.249	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	276580	105.397 ng		98
43) 2,4,6-Trichlorophenol	13.22	196	139037	46.957 ng		98
44) 2,4,5-Trichlorophenol	13.30	196	146884	47.331 ng		98
46) 1,1'-Biphenyl	13.63	154	504427	40.055 ng		99
47) 2-Chloronaphthalene	13.67	162	389198	41.082 ng		98
48) 2-Nitroaniline	13.88	65	128799	47.444 ng		93
49) Acenaphthylene	14.51	152	608111	42.540 ng		98
50) Dimethylphthalate	14.24	163	488824	39.988 ng		99
51) 2,6-Dinitrotoluene	14.37	165	109575	47.967 ng		96
52) Acenaphthene	14.86	154	369256	39.794 ng		95
53) 3-Nitroaniline	14.70	138	73166	31.891 ng	#	89
54) 2,4-Dinitrophenol	14.90	184	58675	64.300 ng		95
55) Dibenzofuran	15.18	168	594210	39.940 ng		98
56) 4-Nitrophenol	15.00	139	159676	72.805 ng		93
57) 2,4-Dinitrotoluene	15.15	165	148967	50.430 ng		89
58) Fluorene	15.83	166	455483	41.069 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	134335	46.232 ng		96
60) Diethylphthalate	15.58	149	473728	37.482 ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	247868	39.470 ng		97
62) 4-Nitroaniline	15.87	138	109008	43.004 ng		94
63) Azobenzene	16.11	77	432313	34.996 ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	60847	47.538 ng		95
66) n-Nitrosodiphenylamine	16.04	169	414120	41.753 ng		97
67) 4-Bromophenyl-phenylether	16.71	248	154021	42.562 ng		95
68) Hexachlorobenzene	16.83	284	157162	43.287 ng		95
69) Atrazine	16.97	200	154411	42.601 ng		96
70) Pentachlorophenol	17.18	266	178315	70.665 ng		96
71) Phenanthrene	17.57	178	715373	42.373 ng		98
72) Anthracene	17.67	178	726927	43.713 ng		99
73) Carbazole	17.94	167	640852	38.615 ng		99
74) Di-n-butylphthalate	18.47	149	760007	39.254 ng		100
75) Fluoranthene	19.58	202	861989	43.989 ng		98
77) Benzidine	19.75	184	346271	31.858 ng		98
78) Pyrene	19.94	202	855739	41.464 ng		98
80) Butylbenzylphthalate	20.81	149	373283	42.877 ng		93
81) Benzo(a)anthracene	21.80	228	829716	42.355 ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	206567	28.438 ng		97
83) Chrysene	21.87	228	807385	43.296 ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	522575	42.074 ng		99
85) Di-n-octyl phthalate	22.92	149	887773	43.265 ng		95
86) Indeno(1,2,3-cd)pyrene	29.08	276	931248	46.544 ng		98
88) Benzo(b)fluoranthene	24.11	252	829730	45.454 ng		98
89) Benzo(k)fluoranthene	24.19	252	822119	44.859 ng		99
90) Benzo(a)pyrene	25.04	252	821784	46.745 ng		98
91) Dibenzo(a,h)anthracene	29.15	278	761073	46.227 ng		99
92) Benzo(g,h,i)perylene	30.31	276	758398	46.216 ng		99

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

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