Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
Data File : BG039534.D
Acq On : 15 Feb 2019 23:20
Operator : JU/SJ
Sample : PB117145BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117145BS

Quant Time: Feb 16 03:21:37 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	53368	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	276777	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	201707	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	456697	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	430522	20.00	ng		-0.02
87) Perylene-d12	25.22	264	413377	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	406031	130.21	ng		0.00
7) Phenol-d6	7.32	99	622328	135.59	ng		0.00
23) Nitrobenzene-d5	9.35	82	352454	79.55	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	235469	108.41	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	914788	65.06	ng		-0.02
79) Terphenyl-d14	20.13	244	1272987	62.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	31027	22.748	ng		95
3) Pyridine	4.00	79	89747	24.852	ng		95
4) n-Nitrosodimethylamine	3.92	42	59057	32.700	ng		94
6) Aniline	7.49	93	120777	21.008	ng		98
8) 2-Chlorophenol	7.73	128	145243	42.612	ng		98
9) Benzaldehyde	7.31	77	48820	17.805	ng		92
10) Phenol	7.35	94	206746	43.211	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	130120	34.417	ng		97
12) 1,3-Dichlorobenzene	8.06	146	125674	30.436	ng		97
13) 1,4-Dichlorobenzene	8.21	146	131504	31.953	ng		98
14) 1,2-Dichlorobenzene	8.53	146	130457	32.744	ng		98
15) Benzyl Alcohol	8.41	79	143937	39.944	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	257676	30.181	ng		99
17) 2-Methylphenol	8.60	107	136720	44.157	ng		96
18) Hexachloroethane	9.26	117	44833	31.664	ng		91
19) n-Nitroso-di-n-propylamine	8.97	70	114886	35.266	ng		97
20) 3+4-Methylphenols	8.93	107	192140	45.064	ng		97
22) Acetophenone	9.00	105	215094	28.931	ng	#	97
24) Nitrobenzene	9.39	77	172414	36.022	ng		98
25) Isophorone	9.91	82	342326	34.868	ng		99
26) 2-Nitrophenol	10.10	139	86264	46.572	ng		96
27) 2,4-Dimethylphenol	10.14	122	163724	41.224	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	203616	33.671	ng		98
29) 2,4-Dichlorophenol	10.63	162	178827	41.198	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	154846	31.775	ng		99
31) Naphthalene	11.05	128	460400	33.531	ng		98
32) Benzoic acid	10.25	122	72891	31.781	ng		97
33) 4-Chloroaniline	11.15	127	108311	17.013	ng		99
34) Hexachlorobutadiene	11.31	225	93451	28.835	ng		95
35) Caprolactam	11.95	113	60161	33.494	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	198861	39.614	ng		97
37) 2-Methylnaphthalene	12.63	142	369372	36.321	ng		98
38) 1-Methylnaphthalene	12.86	142	352222	35.930	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	200928	31.308	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	206107	58.936 ng		98
43) 2,4,6-Trichlorophenol	13.23	196	149918	37.993 ng		98
44) 2,4,5-Trichlorophenol	13.30	196	160044	38.698 ng		98
46) 1,1'-Biphenyl	13.63	154	513730	30.611 ng		99
47) 2-Chloronaphthalene	13.68	162	392816	31.114 ng		98
48) 2-Nitroaniline	13.89	65	142125	40.711 ng		94
49) Acenaphthylene	14.53	152	645132	33.865 ng		99
50) Dimethylphthalate	14.24	163	541573	33.244 ng		99
51) 2,6-Dinitrotoluene	14.37	165	120586	40.753 ng		99
52) Acenaphthene	14.86	154	395943	32.019 ng		100
53) 3-Nitroaniline	14.71	138	82822	27.961 ng	#	97
54) 2,4-Dinitrophenol	14.91	184	28308	30.650 ng		95
55) Dibenzofuran	15.19	168	642782	32.420 ng		98
56) 4-Nitrophenol	15.00	139	160417	56.311 ng		92
57) 2,4-Dinitrotoluene	15.15	165	167244	43.717 ng	#	89
58) Fluorene	15.84	166	509230	34.454 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	148149	38.259 ng		98
60) Diethylphthalate	15.59	149	543693	32.279 ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	274112	32.754 ng		96
62) 4-Nitroaniline	15.87	138	113553	34.533 ng		92
63) Azobenzene	16.12	77	485337	29.481 ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	43871	29.507 ng		92
66) n-Nitrosodiphenylamine	16.04	169	472374	34.017 ng		98
67) 4-Bromophenyl-phenylether	16.72	248	173858	34.315 ng		95
68) Hexachlorobenzene	16.83	284	177696	34.957 ng		95
69) Atrazine	16.98	200	174439	34.374 ng		97
70) Pentachlorophenol	17.18	266	218848	61.945 ng		99
71) Phenanthrene	17.59	178	801336	33.901 ng		99
72) Anthracene	17.67	178	803124	34.494 ng		99
73) Carbazole	17.94	167	668688	28.778 ng		99
74) Di-n-butylphthalate	18.48	149	823812	30.390 ng		100
75) Fluoranthene	19.58	202	889615	32.426 ng		99
77) Benzidine	19.77	184	139547	9.886 ng		97
78) Pyrene	19.95	202	886983	33.095 ng		98
80) Butylbenzylphthalate	20.81	149	380917	33.692 ng		96
81) Benzo(a)anthracene	21.81	228	878289	34.525 ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	211122	22.382 ng		99
83) Chrysene	21.88	228	824204	34.035 ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	531384	32.945 ng		99
85) Di-n-octyl phthalate	22.94	149	908552	34.096 ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	939146	36.146 ng	#	95
88) Benzo(b)fluoranthene	24.13	252	853742	37.870 ng		100
89) Benzo(k)fluoranthene	24.20	252	830172	36.679 ng		99
90) Benzo(a)pyrene	25.05	252	840544	38.715 ng		99
91) Dibenzo(a,h)anthracene	29.18	278	762363	37.495 ng		98
92) Benzo(g,h,i)perylene	30.33	276	739628	36.496 ng		99

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

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