Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040708.D
Acq On : 2 May 2019 15:50
Operator : JU/SJ
Sample : PB119403BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119403BS

Quant Time: May 03 04:22:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41314	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	179740	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	135056	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	385897	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	422110	20.00	ng		-0.02
87) Perylene-d12	25.16	264	379551	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	353092	150.66	ng		0.00
7) Phenol-d6	7.29	99	505376	140.05	ng		0.00
23) Nitrobenzene-d5	9.32	82	305951	78.65	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	284018	153.00	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	678275	72.53	ng		-0.02
79) Terphenyl-d14	20.11	244	1447069	75.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	59780	56.085	ng		96
3) Pyridine	3.95	79	101974	33.007	ng		94
4) n-Nitrosodimethylamine	3.87	42	66431	38.766	ng		98
6) Aniline	7.47	93	145592	30.439	ng		95
8) 2-Chlorophenol	7.70	128	125947	44.010	ng		93
9) Benzaldehyde	7.29	77	137846	85.762	ng		95
10) Phenol	7.31	94	181002	46.661	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	114783	39.460	ng		100
12) 1,3-Dichlorobenzene	8.03	146	125924	40.314	ng		95
13) 1,4-Dichlorobenzene	8.18	146	131669	41.582	ng		98
14) 1,2-Dichlorobenzene	8.50	146	126490	41.422	ng		95
15) Benzyl Alcohol	8.38	79	154890	41.251	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	202744	35.008	ng		99
17) 2-Methylphenol	8.58	107	123211	44.882	ng		97
18) Hexachloroethane	9.24	117	49143	37.834	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	118714	36.545	ng	#	97
20) 3+4-Methylphenols	8.90	107	170937	44.698	ng		98
22) Acetophenone	8.98	105	211615	42.339	ng	#	93
24) Nitrobenzene	9.37	77	180453	43.479	ng		94
25) Isophorone	9.88	82	334332	38.585	ng		99
26) 2-Nitrophenol	10.08	139	71375	47.976	ng		94
27) 2,4-Dimethylphenol	10.12	122	139987	50.150	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	170489	39.217	ng		98
29) 2,4-Dichlorophenol	10.60	162	151429	47.718	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	150551	42.781	ng		98
31) Naphthalene	11.02	128	399021	41.787	ng		99
32) Benzoic acid	10.23	122	102113	53.437	ng		91
33) 4-Chloroaniline	11.13	127	117855	27.837	ng		94
34) Hexachlorobutadiene	11.29	225	108122	41.616	ng		98
35) Caprolactam	11.90	113	55485	44.285	ng		99
36) 4-Chloro-3-methylphenol	12.23	107	186879	46.681	ng		99
37) 2-Methylnaphthalene	12.61	142	305597	42.803	ng		98
38) 1-Methylnaphthalene	12.83	142	288764	41.379	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	209803	41.701	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	225292	75.887	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	146274	48.110	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	161585	48.787	ng		99
46) 1,1'-Biphenyl	13.61	154	416384	39.709	ng		95
47) 2-Chloronaphthalene	13.66	162	340088	41.443	ng		98
48) 2-Nitroaniline	13.86	65	145786	49.908	ng		98
49) Acenaphthylene	14.51	152	561683	40.343	ng		100
50) Dimethylphthalate	14.22	163	490326	43.392	ng		98
51) 2,6-Dinitrotoluene	14.35	165	109245	49.536	ng		95
52) Acenaphthene	14.84	154	325567	40.154	ng		96
53) 3-Nitroaniline	14.68	138	85756	37.951	ng	#	97
54) 2,4-Dinitrophenol	14.88	184	116700	92.612	ng	#	84
55) Dibenzofuran	15.18	168	571055	43.000	ng		99
56) 4-Nitrophenol	14.97	139	191766	97.871	ng		99
57) 2,4-Dinitrotoluene	15.13	165	165794	55.324	ng		91
58) Fluorene	15.82	166	456439	42.523	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	172645	51.789	ng		99
60) Diethylphthalate	15.58	149	526284	44.143	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	279749	44.810	ng		98
62) 4-Nitroaniline	15.85	138	123172	48.729	ng		90
63) Azobenzene	16.10	77	508312	41.400	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	86303	45.775	ng		89
66) n-Nitrosodiphenylamine	16.02	169	438217	38.598	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	190287	39.579	ng		96
68) Hexachlorobenzene	16.81	284	197176	39.663	ng		97
69) Atrazine	16.96	200	194574	43.256	ng		98
70) Pentachlorophenol	17.16	266	262670	90.296	ng		96
71) Phenanthrene	17.56	178	841528	40.486	ng		99
72) Anthracene	17.66	178	856073	40.975	ng		99
73) Carbazole	17.93	167	768507	40.373	ng		99
74) Di-n-butylphthalate	18.46	149	937945	40.825	ng		99
75) Fluoranthene	19.57	202	1118992	43.201	ng		98
77) Benzidine	19.74	184	349214	30.215	ng		99
78) Pyrene	19.92	202	1098552	41.524	ng		98
80) Butylbenzylphthalate	20.79	149	422458	40.970	ng		97
81) Benzo(a)anthracene	21.79	228	1044290	39.145	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	299438	31.491	ng		96
83) Chrysene	21.85	228	1029034	40.559	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	585442	39.332	ng		98
85) Di-n-octyl phthalate	22.92	149	1000927	39.929	ng		98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1203230	39.225	ng		96
88) Benzo(b)fluoranthene	24.09	252	1080604	46.590	ng		99
89) Benzo(k)fluoranthene	24.15	252	1023273	47.241	ng		99
90) Benzo(a)pyrene	25.01	252	1042520	47.485	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	974919	43.880	ng		97
92) Benzo(g,h,i)perylene	30.24	276	986496	44.614	ng		98

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

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