Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039548.D
Acq On : 18 Feb 2019 20:41
Operator : JU/SJ
Sample : K1508-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-12-SMSD

Quant Time: Feb 19 00:45:38 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	59054	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	262276	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	184677	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	456609	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	443125	20.00	ng		-0.02
87) Perylene-d12	25.20	264	448001	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	422695	122.51	ng		0.00
7) Phenol-d6	7.31	99	569244	112.08	ng		0.00
23) Nitrobenzene-d5	9.35	82	392588	93.51	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	270620	136.08	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	944163	73.34	ng		-0.02
79) Terphenyl-d14	20.13	244	1497231	71.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	46223	30.626	ng	#	32
3) Pyridine	4.01	79	93219	23.328	ng		95
4) n-Nitrosodimethylamine	3.93	42	69715	34.884	ng		83
6) Aniline	7.50	93	182441	28.678	ng		95
8) 2-Chlorophenol	7.73	128	158007	41.894	ng		95
9) Benzaldehyde	7.31	77	117404	49.498	ng		98
10) Phenol	7.34	94	188678	35.638	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	152962	36.563	ng		99
12) 1,3-Dichlorobenzene	8.05	146	166371	36.413	ng		97
13) 1,4-Dichlorobenzene	8.21	146	167086	36.690	ng		96
14) 1,2-Dichlorobenzene	8.52	146	161655	36.668	ng		98
15) Benzyl Alcohol	8.41	79	157266	39.441	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292285	30.938	ng		99
17) 2-Methylphenol	8.60	107	138226	40.345	ng		98
18) Hexachloroethane	9.25	117	57549	36.731	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	127653	35.412	ng		92
20) 3+4-Methylphenols	8.93	107	190812	40.444	ng		97
22) Acetophenone	9.00	105	248850	35.322	ng	#	94
24) Nitrobenzene	9.39	77	193349	42.629	ng		96
25) Isophorone	9.90	82	370131	39.784	ng		100
26) 2-Nitrophenol	10.10	139	93852	51.593	ng		94
27) 2,4-Dimethylphenol	10.14	122	164568	43.728	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	222326	38.798	ng		97
29) 2,4-Dichlorophenol	10.63	162	180535	43.891	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	176829	38.292	ng		99
31) Naphthalene	11.04	128	518029	39.814	ng		98
32) Benzoic acid	10.26	122	92712	39.571	ng		98
33) 4-Chloroaniline	11.15	127	139615	23.142	ng		98
34) Hexachlorobutadiene	11.30	225	111564	36.328	ng		97
35) Caprolactam	11.93	113	49969	29.358	ng		97
36) 4-Chloro-3-methylphenol	12.25	107	196739	41.358	ng		96
37) 2-Methylnaphthalene	12.63	142	395167	41.006	ng		98
38) 1-Methylnaphthalene	12.85	142	378524	40.747	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	218501	37.186	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258434	80.714	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	150286	41.598	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	167729	44.296	ng	#	98
46) 1,1'-Biphenyl	13.63	154	536698	34.929	ng		99
47) 2-Chloronaphthalene	13.68	162	419665	36.306	ng		99
48) 2-Nitroaniline	13.88	65	149074	45.431	ng		96
49) Acenaphthylene	14.52	152	676485	38.785	ng		97
50) Dimethylphthalate	14.24	163	560817	37.600	ng		99
51) 2,6-Dinitrotoluene	14.37	165	127835	46.151	ng		95
52) Acenaphthene	14.86	154	416580	36.794	ng		99
53) 3-Nitroaniline	14.70	138	113142	38.869	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	99397	80.410	ng		96
55) Dibenzofuran	15.19	168	685736	37.776	ng		98
56) 4-Nitrophenol	15.00	139	170094	64.298	ng		87
57) 2,4-Dinitrotoluene	15.15	165	184849	51.153	ng		87
58) Fluorene	15.84	166	543233	40.144	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	162390	45.804	ng		97
60) Diethylphthalate	15.59	149	572757	37.141	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	288176	37.610	ng		93
62) 4-Nitroaniline	15.87	138	133335	43.101	ng		95
63) Azobenzene	16.11	77	513131	34.043	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	89907	49.395	ng		94
66) n-Nitrosodiphenylamine	16.04	169	502068	36.162	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	186579	36.833	ng		96
68) Hexachlorobenzene	16.83	284	196910	38.744	ng		93
69) Atrazine	16.98	200	178546	35.190	ng		97
70) Pentachlorophenol	17.18	266	228151	64.590	ng		100
71) Phenanthrene	17.58	178	899868	38.077	ng		99
72) Anthracene	17.67	178	912094	39.182	ng		99
73) Carbazole	17.94	167	788702	33.950	ng		98
74) Di-n-butylphthalate	18.47	149	954988	35.236	ng		99
75) Fluoranthene	19.58	202	1055611	38.484	ng		100
77) Benzidine	19.76	184	219516	15.110	ng		98
78) Pyrene	19.94	202	1059870	38.421	ng		98
80) Butylbenzylphthalate	20.81	149	440588	37.862	ng		94
81) Benzo(a)anthracene	21.81	228	1031167	39.382	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	314775	32.421	ng		100
83) Chrysene	21.88	228	964731	38.705	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	616064	37.109	ng		100
85) Di-n-octyl phthalate	22.93	149	1049864	38.278	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	998821	37.349	ng		96
88) Benzo(b)fluoranthene	24.12	252	993940	40.682	ng		98
89) Benzo(k)fluoranthene	24.20	252	1005403	40.988	ng		99
90) Benzo(a)pyrene	25.04	252	964645	40.997	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	814184	36.949	ng		98
92) Benzo(g,h,i)perylene	30.32	276	780319	35.528	ng		98

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

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