Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039440.D
Acq On : 11 Feb 2019 18:51
Operator : JU/SJ
Sample : K1453-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9-DMSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:42 PM

Quant Time: Feb 12 03:20:40 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	54149	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	248920	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	169140	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	391225	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	383300	20.00	ng		-0.01
87) Perylene-d12	25.21	264	401731	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	500453	158.18	ng		0.00
7) Phenol-d6	7.31	99	733225	157.44	ng		0.00
23) Nitrobenzene-d5	9.35	82	417905	104.88	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	285975	157.01	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	958103	81.26	ng		-0.01
79) Terphenyl-d14	20.13	244	1403150	77.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	48709	35.196	ng		92
3) Pyridine	4.00	79	144528	39.444	ng		93
4) n-Nitrosodimethylamine	3.92	42	82828	45.200	ng		91
6) Aniline	7.49	93	188520	32.318	ng		98
8) 2-Chlorophenol	7.73	128	188226	54.427	ng		96
9) Benzaldehyde	7.31	77	80883	33.083	ng		98
10) Phenol	7.34	94	334955	68.997	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	173806	45.309	ng		99
12) 1,3-Dichlorobenzene	8.06	146	185539	44.287	ng		97
13) 1,4-Dichlorobenzene	8.21	146	190638	45.653	ng		98
14) 1,2-Dichlorobenzene	8.53	146	187116	46.288	ng		99
15) Benzyl Alcohol	8.41	79	184996	50.598	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	335707	38.753	ng		98
17) 2-Methylphenol	8.60	107	170838	54.380	ng		97
18) Hexachloroethane	9.26	117	66167	46.057	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	152073	46.008	ng		92
20) 3+4-Methylphenols	8.93	107	239309	55.317	ng		98
22) Acetophenone	9.00	105	285469	42.694	ng	#	93
24) Nitrobenzene	9.39	77	221891	51.547	ng		97
25) Isophorone	9.91	82	437012	49.494	ng		97
26) 2-Nitrophenol	10.10	139	109160	59.896	ng		94
27) 2,4-Dimethylphenol	10.14	122	201803	56.498	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	262184	48.208	ng		98
29) 2,4-Dichlorophenol	10.63	162	215071	55.093	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	205229	46.826	ng		99
31) Naphthalene	11.05	128	597941	48.421	ng		99
32) Benzoic acid	10.26	122	77028	35.765	ng		98
33) 4-Chloroaniline	11.15	127	82151	14.348	ng		94
34) Hexachlorobutadiene	11.31	225	128183	43.979	ng		93
35) Caprolactam	11.94	113	73861m	45.723	ng		
36) 4-Chloro-3-methylphenol	12.25	107	230359	51.024	ng		99
37) 2-Methylnaphthalene	12.63	142	456278	49.887	ng		94
38) 1-Methylnaphthalene	12.86	142	430009	48.773	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	252259	46.875	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	296132	100.983	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	180281	54.484	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	196984	56.801	ng		99
46) 1,1'-Biphenyl	13.63	154	618570	43.955	ng		98
47) 2-Chloronaphthalene	13.68	162	480466	45.384	ng		99
48) 2-Nitroaniline	13.89	65	163195	52.683	ng		94
49) Acenaphthylene	14.53	152	768752	48.124	ng		99
50) Dimethylphthalate	14.24	163	730083	53.445	ng		99
51) 2,6-Dinitrotoluene	14.37	165	141775	54.502	ng		92
52) Acenaphthene	14.86	154	470342	45.359	ng		99
53) 3-Nitroaniline	14.71	138	77540	30.543	ng	#	89
54) 2,4-Dinitrophenol	14.91	184	148688	110.815	ng		98
55) Dibenzofuran	15.20	168	757949	45.589	ng		99
56) 4-Nitrophenol	15.00	139	254942	101.537	ng	#	87
57) 2,4-Dinitrotoluene	15.15	165	200833	59.224	ng		88
58) Fluorene	15.84	166	593716	47.905	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	187002	57.591	ng		96
60) Diethylphthalate	15.60	149	631233	44.693	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	317479	45.240	ng		97
62) 4-Nitroaniline	15.87	138	144676	50.286	ng		93
63) Azobenzene	16.12	77	558581	40.463	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	113096	64.600	ng		96
66) n-Nitrosodiphenylamine	16.04	169	550012	46.236	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	208177	47.965	ng		92
68) Hexachlorobenzene	16.83	284	214989	49.371	ng		94
69) Atrazine	16.98	200	216438	49.788	ng		97
70) Pentachlorophenol	17.18	266	283036	93.520	ng		99
71) Phenanthrene	17.59	178	967458	47.779	ng		99
72) Anthracene	17.67	178	981041	49.187	ng		97
73) Carbazole	17.94	167	865645	43.489	ng		100
74) Di-n-butylphthalate	18.48	149	1031364	44.414	ng		99
75) Fluoranthene	19.58	202	1139245	48.474	ng		99
77) Benzidine	19.76	184	534348	42.521	ng		99
78) Pyrene	19.95	202	1116031	46.771	ng		100
80) Butylbenzylphthalate	20.81	149	483130	47.998	ng		95
81) Benzo(a)anthracene	21.81	228	1111320	49.067	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	224598	26.744	ng		98
83) Chrysene	21.88	228	1028452	47.701	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	672628	46.840	ng		99
85) Di-n-octyl phthalate	22.95	149	1161664	48.965	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1267930	54.812	ng	#	95
88) Benzo(b)fluoranthene	24.13	252	1093988	49.934	ng		99
89) Benzo(k)fluoranthene	24.21	252	1049237	47.702	ng		100
90) Benzo(a)pyrene	25.05	252	1055771	50.037	ng		100
91) Dibenzo(a,h)anthracene	29.18	278	1011613	51.196	ng		99
92) Benzo(g,h,i)perylene	30.33	276	1046521	53.136	ng		99

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

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