Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039032.D
Acq On : 9 Jan 2019 22:26
Operator : JU/SJ
Sample : K1082-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Manual Integrations APPROVED
Sohil
1/10/2019 3:15:26 PM

Quant Time: Jan 10 04:53:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21158	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	92374	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	66918	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	172018	20.00	ng		0.00
76) Chrysene-d12	21.70	240	173828	20.00	ng		0.00
87) Perylene-d12	24.98	264	191433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	119059	106.75	ng		0.00
7) Phenol-d6	7.19	99	172962	107.76	ng		0.00
23) Nitrobenzene-d5	9.21	82	101791	60.30	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	105845	94.36	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	284936	58.27	ng		0.00
79) Terphenyl-d14	20.02	244	533248	56.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	10070	23.055	ng	#	87
3) Pyridine	3.87	79	29029	24.460	ng		92
4) n-Nitrosodimethylamine	3.78	42	18154	33.993	ng		92
6) Aniline	7.36	93	41961	21.767	ng		95
8) 2-Chlorophenol	7.59	128	44579	33.906	ng		95
9) Benzaldehyde	7.17	77	14741	15.925	ng		94
10) Phenol	7.22	94	60200	37.408	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	36856	29.965	ng		96
12) 1,3-Dichlorobenzene	7.91	146	46120	29.278	ng		99
13) 1,4-Dichlorobenzene	8.06	146	48106	30.154	ng		98
14) 1,2-Dichlorobenzene	8.38	146	45244	29.744	ng		93
15) Benzyl Alcohol	8.27	79	40924	33.855	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	72379	30.689	ng		96
17) 2-Methylphenol	8.47	107	39865	35.675	ng		96
18) Hexachloroethane	9.11	117	16057	29.626	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	31800	30.169	ng		98
20) 3+4-Methylphenols	8.80	107	55468	34.816	ng		98
22) Acetophenone	8.86	105	68273	28.301	ng	#	97
24) Nitrobenzene	9.25	77	49850	29.215	ng	#	97
25) Isophorone	9.76	82	95866	32.967	ng		96
26) 2-Nitrophenol	9.96	139	27965	30.300	ng		96
27) 2,4-Dimethylphenol	10.01	122	46347	35.694	ng		87
28) bis(2-Chloroethoxy)methane	10.25	93	54820	31.368	ng		99
29) 2,4-Dichlorophenol	10.49	162	54619	33.860	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	56523	29.163	ng		98
31) Naphthalene	10.90	128	146992	31.727	ng		99
32) Benzoic acid	10.16	122	5343m	14.821	ng		
33) 4-Chloroaniline	11.02	127	38337	18.493	ng		97
34) Hexachlorobutadiene	11.16	225	37342	28.000	ng		97
35) Caprolactam	11.79	113	17432m	26.949	ng		
36) 4-Chloro-3-methylphenol	12.13	107	56754	32.895	ng		87
37) 2-Methylnaphthalene	12.50	142	113360	32.636	ng		97
38) 1-Methylnaphthalene	12.72	142	110403	33.114	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	74173	29.514	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	72454	53.254	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	50907	32.185	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	55647	33.287	ng		98
46) 1,1'-Biphenyl	13.50	154	156059	29.432	ng		99
47) 2-Chloronaphthalene	13.55	162	126979	29.593	ng		99
48) 2-Nitroaniline	13.77	65	36535	30.393	ng		95
49) Acenaphthylene	14.39	152	209043	32.413	ng		99
50) Dimethylphthalate	14.12	163	253420	44.814	ng		99
51) 2,6-Dinitrotoluene	14.25	165	38866	30.742	ng		96
52) Acenaphthene	14.74	154	120946	31.212	ng		98
53) 3-Nitroaniline	14.59	138	25722	20.056	ng	#	99
54) 2,4-Dinitrophenol	14.80	184	42234	57.498	ng		95
55) Dibenzofuran	15.07	168	210038	30.691	ng		99
56) 4-Nitrophenol	14.90	139	60746	65.827	ng		98
57) 2,4-Dinitrotoluene	15.04	165	56700	31.260	ng		95
58) Fluorene	15.72	166	171838	33.358	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	52878	33.508	ng		98
60) Diethylphthalate	15.48	149	176142	30.232	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	94583	29.144	ng		99
62) 4-Nitroaniline	15.76	138	40241	30.119	ng		98
63) Azobenzene	16.00	77	137551	30.189	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	36958	29.000	ng		88
66) n-Nitrosodiphenylamine	15.92	169	153240	30.050	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	63871	28.885	ng		96
68) Hexachlorobenzene	16.72	284	71173	29.498	ng		97
69) Atrazine	16.87	200	64988	29.999	ng		94
70) Pentachlorophenol	17.07	266	72875	51.139	ng		96
71) Phenanthrene	17.46	178	295570	32.508	ng		99
72) Anthracene	17.56	178	301256	33.510	ng		99
73) Carbazole	17.83	167	268804	30.289	ng		99
74) Di-n-butylphthalate	18.36	149	304304	30.823	ng		100
75) Fluoranthene	19.47	202	380931	33.796	ng		100
77) Benzidine	19.66	184	172644	32.472	ng		99
78) Pyrene	19.84	202	374517	33.808	ng		99
80) Butylbenzylphthalate	20.71	149	134352	31.887	ng		98
81) Benzo(a)anthracene	21.68	228	355424	33.588	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	81157	18.823	ng		96
83) Chrysene	21.75	228	328584	32.649	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	185693	31.741	ng		97
85) Di-n-octyl phthalate	22.77	149	321602	32.510	ng		100
86) Indeno(1,2,3-cd)pyrene	28.74	276	408467	33.966	ng		98
88) Benzo(b)fluoranthene	23.93	252	357145	33.835	ng		98
89) Benzo(k)fluoranthene	24.00	252	333169	31.923	ng		99
90) Benzo(a)pyrene	24.82	252	344396	33.755	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	334762	32.987	ng		98
92) Benzo(g,h,i)perylene	29.93	276	334976	33.342	ng		98

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

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