Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040647.D
Acq On : 27 Apr 2019 3:33
Operator : JU/SJ
Sample : K2203-18MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Manual Integrations APPROVED
Sohil
4/30/2019 7:02:32 PM

Quant Time: Apr 27 04:59:03 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	8.16	152	49213	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	192684	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	141863	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	376676	20.00	ng		0.00
76) Chrysene-d12	21.82	240	378135	20.00	ng		0.00
87) Perylene-d12	25.20	264	407891	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	388295	139.08	ng		0.00
7) Phenol-d6	7.29	99	535773	124.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	440356	105.60	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	320519	164.37	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	891210	90.73	ng		0.00
79) Terphenyl-d14	20.13	244	1802422	105.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	53220	41.916	ng	#	22
3) Pyridine	3.98	79	133651	36.317	ng		98
4) n-Nitrosodimethylamine	3.88	42	92773	45.449	ng		99
6) Aniline	7.48	93	72181	12.669	ng		99
8) 2-Chlorophenol	7.71	128	159587	46.815	ng		94
9) Benzaldehyde	7.29	77	50006	15.147	ng		97
10) Phenol	7.32	94	193148	41.800	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	154795	44.673	ng		96
12) 1,3-Dichlorobenzene	8.04	146	162743	43.739	ng		98
13) 1,4-Dichlorobenzene	8.19	146	165141	43.782	ng		98
14) 1,2-Dichlorobenzene	8.51	146	158553	43.588	ng		98
15) Benzyl Alcohol	8.39	79	202813	45.344	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	296159	42.930	ng		99
17) 2-Methylphenol	8.59	107	150091	45.899	ng		96
18) Hexachloroethane	9.25	117	66310	42.856	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	161805	41.815	ng		97
20) 3+4-Methylphenols	8.92	107	204984	44.998	ng		97
22) Acetophenone	8.99	105	274960	51.317	ng	#	98
24) Nitrobenzene	9.38	77	236996	53.266	ng		99
25) Isophorone	9.90	82	443834	47.781	ng		99
26) 2-Nitrophenol	10.09	139	88779	55.665	ng		91
27) 2,4-Dimethylphenol	10.13	122	176737	59.062	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	225309	48.345	ng		98
29) 2,4-Dichlorophenol	10.61	162	184105	54.117	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	187110	49.597	ng		99
31) Naphthalene	11.03	128	505375	49.369	ng		100
32) Benzoic acid	10.21	122	45358	22.142	ng		87
33) 4-Chloroaniline	11.14	127	11826	2.606	ng	#	82
34) Hexachlorobutadiene	11.30	225	136246	48.918	ng		97
35) Caprolactam	11.92	113	51415m	38.280	ng		
36) 4-Chloro-3-methylphenol	12.24	107	225419	52.525	ng		96
37) 2-Methylnaphthalene	12.62	142	381523	49.848	ng		99
38) 1-Methylnaphthalene	12.84	142	368995	49.323	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	253444	47.958	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	276514	88.671	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	172309	53.954	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	188914	54.302	ng		97
46) 1,1'-Biphenyl	13.62	154	519885	47.201	ng		98
47) 2-Chloronaphthalene	13.67	162	412756	47.885	ng		99
48) 2-Nitroaniline	13.88	65	178827	58.282	ng		97
49) Acenaphthylene	14.52	152	674451	46.118	ng		99
50) Dimethylphthalate	14.24	163	575600	48.495	ng		99
51) 2,6-Dinitrotoluene	14.36	165	128192	55.338	ng		98
52) Acenaphthene	14.85	154	406678	47.751	ng		95
53) 3-Nitroaniline	14.69	138	35134	14.802	ng	#	99
54) 2,4-Dinitrophenol	14.89	184	65605	52.826	ng	#	80
55) Dibenzofuran	15.19	168	678698	48.653	ng		100
56) 4-Nitrophenol	14.98	139	193885	94.204	ng		96
57) 2,4-Dinitrotoluene	15.14	165	188187	59.784	ng	#	98
58) Fluorene	15.83	166	547234	48.535	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	200179	57.167	ng		99
60) Diethylphthalate	15.59	149	621054	49.592	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	326410	49.776	ng		99
62) 4-Nitroaniline	15.86	138	132608	49.944	ng		98
63) Azobenzene	16.11	77	637068	49.396	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62486	35.788	ng		96
66) n-Nitrosodiphenylamine	16.04	169	520235	46.943	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	221668	47.235	ng		98
68) Hexachlorobenzene	16.82	284	234427	48.311	ng		98
69) Atrazine	16.98	200	233003	53.067	ng		96
70) Pentachlorophenol	17.17	266	224129	78.933	ng		97
71) Phenanthrene	17.58	178	997044	49.143	ng		98
72) Anthracene	17.67	178	1020400	50.035	ng		99
73) Carbazole	17.94	167	926087	49.843	ng		99
74) Di-n-butylphthalate	18.48	149	1110930	49.538	ng		99
75) Fluoranthene	19.57	202	1298837	51.372	ng		100
77) Benzidine	19.75	184	79956	7.723	ng		98
78) Pyrene	19.94	202	1288979	54.388	ng		97
80) Butylbenzylphthalate	20.81	149	524356	56.766	ng		99
81) Benzo(a)anthracene	21.80	228	1243300	52.024	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	134902	15.837	ng		98
83) Chrysene	21.87	228	1222953	53.808	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	710414	53.279	ng		97
85) Di-n-octyl phthalate	22.95	149	1213196	54.026	ng		99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1503732	54.722	ng	#	91
88) Benzo(b)fluoranthene	24.12	252	1273783	51.103	ng		98
89) Benzo(k)fluoranthene	24.19	252	1258331	54.057	ng		98
90) Benzo(a)pyrene	25.04	252	1249691	52.966	ng		97
91) Dibenzo(a,h)anthracene	29.16	278	1233063	51.643	ng		99
92) Benzo(g,h,i)perylene	30.31	276	1243405	52.326	ng		98

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

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