Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043406.D
Acq On : 30 Oct 2019 18:37
Operator : JU
Sample : K5543-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R-1MS

Manual Integrations APPROVED
mohammad
10/31/2019 2:51:55 PM

Quant Time: Oct 31 05:42:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39766	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	159961	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115154	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	272811	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300959	20.00	ng	0.00
87) Perylene-d12	24.86	264	351669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	324969	149.75	ng	0.00
7) Phenol-d6	7.21	99	466335	149.36	ng	0.01
23) Nitrobenzene-d5	9.19	82	274437	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	300561	137.16	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	756803	90.81	ng	0.00
79) Terphenyl-d14	20.00	244	1478965	92.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	32021	37.865	ng	# 92
3) Pyridine	3.88	79	79438	37.238	ng	98
4) n-Nitrosodimethylamine	3.80	42	49598	46.075	ng	# 80
6) Aniline	7.35	93	135480	37.668	ng	94
8) 2-Chlorophenol	7.60	128	118058	49.282	ng	96
9) Benzaldehyde	7.16	77	62532	40.753	ng	91
10) Phenol	7.24	94	154229	54.056	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	95954	43.500	ng	96
12) 1,3-Dichlorobenzene	7.91	146	126040	41.994	ng	99
13) 1,4-Dichlorobenzene	8.05	146	128699	42.381	ng	97
14) 1,2-Dichlorobenzene	8.38	146	124985	42.153	ng	95
15) Benzyl Alcohol	8.27	79	104824	47.804	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	132682	41.366	ng	96
17) 2-Methylphenol	8.48	107	100828	48.477	ng	91
18) Hexachloroethane	9.11	117	45321	41.366	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	87236	43.239	ng	99
20) 3+4-Methylphenols	8.81	107	139422	48.884	ng	88
22) Acetophenone	8.85	105	170365	41.589	ng	# 96
24) Nitrobenzene	9.23	77	131217	44.394	ng	96
25) Isophorone	9.75	82	248754	43.851	ng	99
26) 2-Nitrophenol	9.94	139	67988	47.645	ng	95
27) 2,4-Dimethylphenol	10.01	122	110008	53.787	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	134485	42.955	ng	97
29) 2,4-Dichlorophenol	10.49	162	132432	50.537	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	144609	43.784	ng	94
31) Naphthalene	10.88	128	364270	44.863	ng	97
32) Benzoic acid	10.19	122	60372	40.420	ng	96
33) 4-Chloroaniline	10.99	127	68700	20.641	ng	95
34) Hexachlorobutadiene	11.16	225	98566	40.371	ng	97
35) Caprolactam	11.76	113	43519m	48.220	ng	
36) 4-Chloro-3-methylphenol	12.13	107	135583	47.433	ng	98
37) 2-Methylnaphthalene	12.48	142	285127	45.767	ng	99
38) 1-Methylnaphthalene	12.70	142	269007	45.382	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	182348	42.788	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.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	12.83	237	231877	103.577	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	122403	48.771	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	131151	51.689	ng		99
46) 1,1'-Biphenyl	13.48	154	384615	43.904	ng		97
47) 2-Chloronaphthalene	13.53	162	300308	45.054	ng		98
48) 2-Nitroaniline	13.73	65	88163	44.255	ng		95
49) Acenaphthylene	14.38	152	490948	47.326	ng		97
50) Dimethylphthalate	14.11	163	500550	56.119	ng		100
51) 2,6-Dinitrotoluene	14.22	165	90369	46.636	ng		93
52) Acenaphthene	14.72	154	292210	46.190	ng		97
53) 3-Nitroaniline	14.56	138	55467	29.648	ng		95
54) 2,4-Dinitrophenol	14.76	184	96586	79.838	ng		93
55) Dibenzofuran	15.05	168	475768	46.375	ng		99
56) 4-Nitrophenol	14.89	139	133653	106.606	ng		90
57) 2,4-Dinitrotoluene	15.02	165	130489	47.121	ng		92
58) Fluorene	15.70	166	393828	45.770	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	131388	48.739	ng	#	97
60) Diethylphthalate	15.46	149	401416	44.790	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	228233	45.468	ng		96
62) 4-Nitroaniline	15.73	138	84743	43.860	ng		98
63) Azobenzene	15.98	77	332782	45.880	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	77659	48.371	ng		99
66) n-Nitrosodiphenylamine	15.90	169	350984	45.570	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	163002	44.397	ng		98
68) Hexachlorobenzene	16.70	284	184008	43.662	ng		98
69) Atrazine	16.85	200	153659	57.414	ng		95
70) Pentachlorophenol	17.05	266	199027	103.643	ng		95
71) Phenanthrene	17.44	178	633648	45.358	ng		100
72) Anthracene	17.53	178	659712	47.199	ng		99
73) Carbazole	17.80	167	587686	46.430	ng		98
74) Di-n-butylphthalate	18.35	149	692000	45.058	ng		100
75) Fluoranthene	19.45	202	844205	46.353	ng		99
77) Benzidine	19.63	184	324067	53.504	ng		98
78) Pyrene	19.80	202	849905	45.623	ng		99
80) Butylbenzylphthalate	20.69	149	324177	45.932	ng		95
81) Benzo(a)anthracene	21.64	228	874158	46.370	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	218854	30.015	ng		96
83) Chrysene	21.71	228	859428	45.883	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	467269	46.607	ng		100
85) Di-n-octyl phthalate	22.74	149	803748	47.253	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1137283	48.371	ng		99
88) Benzo(b)fluoranthene	23.85	252	936273	47.008	ng		98
89) Benzo(k)fluoranthene	23.91	252	955691	47.663	ng		100
90) Benzo(a)pyrene	24.70	252	878667	46.198	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	962929	49.497	ng		98
92) Benzo(g,h,i)perylene	29.63	276	955926	49.814	ng		98

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

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