Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042456.D
Acq On : 24 Aug 2019 7:41
Operator : HP/JU
Sample : K4477-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MSD

Manual Integrations APPROVED
Jagrut
8/26/2019 2:02:09 PM

Quant Time: Aug 26 05:21:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	66237	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	253359	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	178383	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	386756	20.00	ng		0.00
76) Chrysene-d12	21.69	240	380706	20.00	ng		0.00
87) Perylene-d12	24.94	264	451573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	458716	140.26	ng		0.00
7) Phenol-d6	7.17	99	623382	141.11	ng		0.00
23) Nitrobenzene-d5	9.17	82	355205	96.88	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	298248	117.63	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	885274	83.93	ng		0.00
79) Terphenyl-d14	20.02	244	1414876	80.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	49102	35.976	ng		94
3) Pyridine	3.82	79	122920	35.122	ng		97
4) n-Nitrosodimethylamine	3.74	42	52443	41.955	ng		94
6) Aniline	7.32	93	169392	28.748	ng		97
8) 2-Chlorophenol	7.57	128	170700	43.067	ng		96
9) Benzaldehyde	7.13	77	62286	28.162	ng		94
10) Phenol	7.20	94	205870	45.834	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	146030	41.397	ng		99
12) 1,3-Dichlorobenzene	7.89	146	193254	38.327	ng		98
13) 1,4-Dichlorobenzene	8.04	146	196961	38.564	ng		95
14) 1,2-Dichlorobenzene	8.36	146	185472	37.920	ng		98
15) Benzyl Alcohol	8.24	79	128847	40.540	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	201989	42.246	ng		97
17) 2-Methylphenol	8.45	107	139567	42.186	ng		95
18) Hexachloroethane	9.09	117	64174	36.703	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	112781	39.406	ng		97
20) 3+4-Methylphenols	8.78	107	190685	41.653	ng		99
22) Acetophenone	8.83	105	236372	43.620	ng	#	99
24) Nitrobenzene	9.21	77	165494	44.575	ng		99
25) Isophorone	9.74	82	307477	42.495	ng		98
26) 2-Nitrophenol	9.93	139	99292	42.677	ng		98
27) 2,4-Dimethylphenol	9.99	122	159143	49.656	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	196424	43.071	ng		99
29) 2,4-Dichlorophenol	10.48	162	183503	43.762	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	204285	39.691	ng		99
31) Naphthalene	10.88	128	513247	43.633	ng		99
32) Benzoic acid	10.15	122	86855	39.155	ng		98
33) 4-Chloroaniline	10.99	127	130694	24.069	ng		98
34) Hexachlorobutadiene	11.16	225	131530	38.025	ng		99
35) Caprolactam	11.75	113	59330m	42.404	ng		
36) 4-Chloro-3-methylphenol	12.11	107	173955	43.701	ng		99
37) 2-Methylnaphthalene	12.49	142	400925	42.448	ng		99
38) 1-Methylnaphthalene	12.70	142	375130	41.813	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	245263	42.814	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	122066	40.565 ng		99
43) 2,4,6-Trichlorophenol	13.10	196	163904	42.329 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	171705	42.791 ng		97
46) 1,1'-Biphenyl	13.49	154	510138	44.241 ng		98
47) 2-Chloronaphthalene	13.54	162	417247	41.965 ng		97
48) 2-Nitroaniline	13.74	65	104795	43.708 ng		100
49) Acenaphthylene	14.38	152	661083	44.195 ng		99
50) Dimethylphthalate	14.11	163	587932	45.679 ng		99
51) 2,6-Dinitrotoluene	14.23	165	122990	41.225 ng		99
52) Acenaphthene	14.72	154	386997	42.607 ng		99
53) 3-Nitroaniline	14.57	138	96760	32.430 ng		95
54) 2,4-Dinitrophenol	14.78	184	58769	33.197 ng		95
55) Dibenzofuran	15.06	168	645619	42.942 ng		98
56) 4-Nitrophenol	14.89	139	218980	103.286 ng		99
57) 2,4-Dinitrotoluene	15.03	165	174029	40.736 ng		99
58) Fluorene	15.71	166	516071	41.991 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	167906m	42.313 ng		
60) Diethylphthalate	15.48	149	509851	40.522 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	292962	39.543 ng		97
62) 4-Nitroaniline	15.73	138	116160	36.376 ng		99
63) Azobenzene	15.99	77	394154	45.717 ng		95
65) 4,6-Dinitro-2-methylphenol	15.79	198	54359	22.418 ng		95
66) n-Nitrosodiphenylamine	15.92	169	475770	44.732 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	199629	40.693 ng		99
68) Hexachlorobenzene	16.73	284	207792	38.964 ng		95
69) Atrazine	16.87	200	176947	47.045 ng		96
70) Pentachlorophenol	17.07	266	249053	89.882 ng		97
71) Phenanthrene	17.46	178	849393	44.214 ng		99
72) Anthracene	17.55	178	873173	45.530 ng		98
73) Carbazole	17.82	167	768210	44.945 ng		99
74) Di-n-butylphthalate	18.37	149	893933	44.244 ng		99
75) Fluoranthene	19.47	202	1050808	44.819 ng		99
77) Benzidine	19.64	184	638640	58.510 ng		99
78) Pyrene	19.83	202	1047099	44.861 ng		98
80) Butylbenzylphthalate	20.71	149	416563	45.375 ng		98
81) Benzo(a)anthracene	21.67	228	997775	43.084 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	335745	36.047 ng	#	99
83) Chrysene	21.74	228	979158	43.840 ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	581612	45.629 ng		98
85) Di-n-octyl phthalate	22.79	149	1002349	45.721 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1217601	40.115 ng		99
88) Benzo(b)fluoranthene	23.91	252	1109315	44.684 ng		99
89) Benzo(k)fluoranthene	23.97	252	1048334	43.932 ng		99
90) Benzo(a)pyrene	24.78	252	1079765	45.835 ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1012875	42.465 ng		98
92) Benzo(g,h,i)perylene	29.81	276	961081	40.287 ng		98

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

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