Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042586.D
Acq On : 30 Aug 2019 4:31
Operator : HP/JU
Sample : K4095-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Manual Integrations APPROVED
Jagrut
8/30/2019 7:58:22 PM

Quant Time: Aug 30 06:42:12 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	34694	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131714	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98793	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233880	20.00	ng	0.00
76) Chrysene-d12	21.69	240	249097	20.00	ng	0.00
87) Perylene-d12	24.93	264	301184	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	228042	133.12	ng	0.00
7) Phenol-d6	7.17	99	283693	122.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	186540	97.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	215046	153.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	582681	99.75	ng	0.00
79) Terphenyl-d14	20.02	244	1169019	101.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	24864	34.780	ng	# 49
3) Pyridine	3.84	79	46266	25.239	ng	96
4) n-Nitrosodimethylamine	3.74	42	30392	46.419	ng	86
6) Aniline	7.32	93	48022	15.560	ng	96
8) 2-Chlorophenol	7.57	128	99574	47.963	ng	98
9) Benzaldehyde	7.13	77	39083	33.737	ng	97
10) Phenol	7.20	94	96890	41.183	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	79716	43.144	ng	99
12) 1,3-Dichlorobenzene	7.89	146	112996	42.785	ng	99
13) 1,4-Dichlorobenzene	8.04	146	116864	43.685	ng	99
14) 1,2-Dichlorobenzene	8.36	146	111773	43.629	ng	98
15) Benzyl Alcohol	8.24	79	74821	44.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102537	40.944	ng	98
17) 2-Methylphenol	8.45	107	78076	45.056	ng	96
18) Hexachloroethane	9.09	117	38127	41.631	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	65023	43.375	ng	95
20) 3+4-Methylphenols	8.78	107	105090	43.827	ng	97
22) Acetophenone	8.82	105	141989	50.402	ng	99
24) Nitrobenzene	9.21	77	95958	49.716	ng	99
25) Isophorone	9.73	82	179065	47.603	ng	99
26) 2-Nitrophenol	9.93	139	61449	50.804	ng	94
27) 2,4-Dimethylphenol	9.99	122	94740	56.862	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	110247	46.501	ng	97
29) 2,4-Dichlorophenol	10.47	162	115892	53.164	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	132192	49.405	ng	96
31) Naphthalene	10.87	128	303254	49.591	ng	99
32) Benzoic acid	10.15	122	41697m	36.784	ng	
33) 4-Chloroaniline	11.00	127	10844	3.841	ng	95
34) Hexachlorobutadiene	11.16	225	87233	48.510	ng	98
35) Caprolactam	11.76	113	26229m	36.059	ng	
36) 4-Chloro-3-methylphenol	12.11	107	106244	51.341	ng	97
37) 2-Methylnaphthalene	12.48	142	245013	49.899	ng	98
38) 1-Methylnaphthalene	12.70	142	228389	48.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167853	52.907	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	12.83	237	178179	106.916 ng		98
43) 2,4,6-Trichlorophenol	13.09	196	109289	50.963 ng		97
44) 2,4,5-Trichlorophenol	13.17	196	116564	52.452 ng		96
46) 1,1'-Biphenyl	13.49	154	326406	51.112 ng		98
47) 2-Chloronaphthalene	13.54	162	267222	48.529 ng		99
48) 2-Nitroaniline	13.73	65	60109	45.268 ng		99
49) Acenaphthylene	14.38	152	422886	51.047 ng		99
50) Dimethylphthalate	14.11	163	362119	50.800 ng		100
51) 2,6-Dinitrotoluene	14.23	165	83138	50.317 ng		97
52) Acenaphthene	14.72	154	247903	49.281 ng		98
53) 3-Nitroaniline	14.56	138	22882	13.847 ng		99
54) 2,4-Dinitrophenol	14.78	184	104374	92.638 ng		95
55) Dibenzofuran	15.06	168	429088	51.532 ng		100
56) 4-Nitrophenol	14.89	139	108438	92.352 ng		92
57) 2,4-Dinitrotoluene	15.02	165	119269	50.409 ng		97
58) Fluorene	15.71	166	348305	51.172 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	117716m	53.564 ng		
60) Diethylphthalate	15.47	149	334930	48.065 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	206606	50.354 ng		98
62) 4-Nitroaniline	15.73	138	75645	42.773 ng		94
63) Azobenzene	15.99	77	230110	48.192 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	78836	53.764 ng		99
66) n-Nitrosodiphenylamine	15.91	169	309928	48.186 ng		100
67) 4-Bromophenyl-phenylether	16.59	248	147010	49.555 ng		96
68) Hexachlorobenzene	16.73	284	156343	48.479 ng		100
69) Atrazine	16.86	200	74070	32.565 ng		98
70) Pentachlorophenol	17.07	266	193516	115.489 ng		98
71) Phenanthrene	17.45	178	592092	50.967 ng		99
72) Anthracene	17.54	178	608392	52.459 ng		99
73) Carbazole	17.81	167	512174	49.552 ng		99
74) Di-n-butylphthalate	18.37	149	606996	49.679 ng		99
75) Fluoranthene	19.46	202	774986	54.661 ng		97
77) Benzidine	19.66	184	26629	3.729 ng		95
78) Pyrene	19.83	202	775602	50.786 ng		99
80) Butylbenzylphthalate	20.71	149	281287	46.828 ng		97
81) Benzo(a)anthracene	21.67	228	767391	50.643 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	87991	14.438 ng		98
83) Chrysene	21.74	228	738589	50.541 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	395176	47.383 ng		98
85) Di-n-octyl phthalate	22.78	149	699911	48.794 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	989565	49.828 ng	#	97
88) Benzo(b)fluoranthene	23.90	252	843097	50.918 ng		99
89) Benzo(k)fluoranthene	23.97	252	826302	51.917 ng		99
90) Benzo(a)pyrene	24.78	252	833950	53.077 ng		99
91) Dibenzo(a,h)anthracene	28.71	278	818753	51.466 ng		98
92) Benzo(g,h,i)perylene	29.80	276	821375	51.623 ng		97

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

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