Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042976.D
Acq On : 1 Oct 2019 20:55
Operator : JU
Sample : K5094-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Manual Integrations APPROVED
mohammad
10/2/2019 4:00:26 PM

Quant Time: Oct 02 01:50:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69787	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	263070	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	200996	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	485124	20.00	ng		0.00
76) Chrysene-d12	21.71	240	536923	20.00	ng		0.00
87) Perylene-d12	24.93	264	629778	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	377324	96.49	ng		0.00
7) Phenol-d6	7.24	99	572277	101.62	ng		0.00
23) Nitrobenzene-d5	9.23	82	363196	67.10	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	318146	92.05	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	789685	56.96	ng		0.00
79) Terphenyl-d14	20.04	244	1512020	60.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	54225	33.259	ng		97
3) Pyridine	3.95	79	141360	30.827	ng		90
4) n-Nitrosodimethylamine	3.86	42	91304	41.404	ng	#	88
6) Aniline	7.40	93	205566	30.241	ng		95
8) 2-Chlorophenol	7.64	128	179119	43.922	ng		97
9) Benzaldehyde	7.21	77	118915	34.557	ng		91
10) Phenol	7.27	94	237387	45.947	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	157324	39.356	ng		96
12) 1,3-Dichlorobenzene	7.96	146	195217	37.525	ng		97
13) 1,4-Dichlorobenzene	8.10	146	202857	39.115	ng		98
14) 1,2-Dichlorobenzene	8.43	146	192337	38.955	ng		96
15) Benzyl Alcohol	8.31	79	181304	42.823	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	274783	35.793	ng		98
17) 2-Methylphenol	8.52	107	156576	43.312	ng		98
18) Hexachloroethane	9.16	117	73055	37.403	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	141750	38.335	ng		95
20) 3+4-Methylphenols	8.85	107	211461	42.684	ng		95
22) Acetophenone	8.89	105	269677	39.769	ng	#	98
24) Nitrobenzene	9.27	77	218783	42.379	ng		98
25) Isophorone	9.80	82	405952	42.700	ng		99
26) 2-Nitrophenol	9.99	139	104958	47.758	ng		97
27) 2,4-Dimethylphenol	10.04	122	169852	50.325	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	223089	41.359	ng		98
29) 2,4-Dichlorophenol	10.53	162	200502	47.766	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	224473	41.411	ng		98
31) Naphthalene	10.93	128	553999	42.780	ng		99
32) Benzoic acid	10.20	122	126266	48.047	ng		95
33) 4-Chloroaniline	11.04	127	120208	21.392	ng		94
34) Hexachlorobutadiene	11.21	225	159788	39.369	ng		99
35) Caprolactam	11.81	113	63194m	42.691	ng		
36) 4-Chloro-3-methylphenol	12.15	107	216738	47.489	ng		96
37) 2-Methylnaphthalene	12.52	142	427827	43.306	ng		96
38) 1-Methylnaphthalene	12.74	142	406121	43.445	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	285129	37.729	ng		98

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Quant Time: Oct 02 01:50:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425981	88.466 ng	97
43) 2,4,6-Trichlorophenol	13.13	196	192179	43.447 ng	99
44) 2,4,5-Trichlorophenol	13.20	196	206171	45.246 ng	98
46) 1,1'-Biphenyl	13.53	154	588532	38.611 ng	99
47) 2-Chloronaphthalene	13.57	162	457252	40.012 ng	98
48) 2-Nitroaniline	13.77	65	154083	40.545 ng	96
49) Acenaphthylene	14.42	152	746776	42.706 ng	98
50) Dimethylphthalate	14.14	163	677890	45.013 ng	99
51) 2,6-Dinitrotoluene	14.26	165	140150	43.700 ng	98
52) Acenaphthene	14.76	154	459222	39.234 ng	99
53) 3-Nitroaniline	14.59	138	90345	27.258 ng	97
54) 2,4-Dinitrophenol	14.79	184	183749	92.175 ng	95
55) Dibenzofuran	15.09	168	724131	41.822 ng	99
56) 4-Nitrophenol	14.91	139	235335	93.189 ng	100
57) 2,4-Dinitrotoluene	15.04	165	199415	42.460 ng	99
58) Fluorene	15.74	166	622134	42.086 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	215011	44.317 ng	99
60) Diethylphthalate	15.51	149	615558	40.163 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	360716	40.688 ng	98
62) 4-Nitroaniline	15.76	138	149629	41.394 ng	97
63) Azobenzene	16.02	77	562708	40.327 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	130930	47.695 ng	97
66) n-Nitrosodiphenylamine	15.94	169	552112	43.112 ng	99
67) 4-Bromophenyl-phenylether	16.62	248	257631	42.312 ng	97
68) Hexachlorobenzene	16.74	284	276698	40.814 ng	97
69) Atrazine	16.89	200	220968	40.975 ng	97
70) Pentachlorophenol	17.08	266	368808	94.279 ng	97
71) Phenanthrene	17.48	178	995439	42.030 ng	98
72) Anthracene	17.56	178	1016975	43.012 ng	99
73) Carbazole	17.83	167	948316	43.251 ng	100
74) Di-n-butylphthalate	18.39	149	1089880	41.662 ng	99
75) Fluoranthene	19.48	202	1336400	42.661 ng	99
77) Benzidine	19.66	184	597867	44.471 ng	99
78) Pyrene	19.84	202	1351916	42.186 ng	98
80) Butylbenzylphthalate	20.73	149	519847	42.736 ng	98
81) Benzo(a)anthracene	21.68	228	1407068	42.058 ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	370235	28.216 ng	99
83) Chrysene	21.75	228	1351329	41.623 ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	737163	42.589 ng	97
85) Di-n-octyl phthalate	22.81	149	1255436	44.356 ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1790851	44.309 ng	99
88) Benzo(b)fluoranthene	23.91	252	1491313	41.850 ng	99
89) Benzo(k)fluoranthene	23.97	252	1497534	42.480 ng	100
90) Benzo(a)pyrene	24.78	252	1487424	44.242 ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1509473	43.785 ng	98
92) Benzo(g,h,i)perylene	29.76	276	1487207	44.523 ng	98

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

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